



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
MISSOURI OIL AND GAS COUNCIL  
APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

APPLICATION TO DRILL     DEEPEN     PLUG BACK     FOR AN OIL WELL     OR GAS WELL

NAME OF COMPANY OR OPERATOR: Petrol Oil and Gas, Inc    DATE: 3/23/04

ADDRESS: 2300 E. Patrick Ln. Ste 26    CITY: Las Vegas    STATE: NV    ZIP CODE: 89119

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: Bill and Cletis Snyder    WELL NUMBER: 13-1    ELEVATION (GROUND): 866.23

WELL LOCATION: 1364 FT. FROM (N)(S) SECTION LINE    (GIVE FOOTAGE FROM SECTION LINES)    346 FT. FROM (E)(W) SECTION LINE

WELL LOCATION: SECTION 13    TOWNSHIP 45    RANGE 30    LATITUDE    LONGITUDE    COUNTY CASS

NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE: 406 FEET

DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE: \_\_\_\_\_ FEET

PROPOSED DEPTH: 700'    DRILLING CONTRACTOR, NAME AND ADDRESS: 67333 McKat - 70 Box 590 Conover    ROTARY OR CABLE TOOLS: Rotary    APPROX. DATE WORK WILL START: 3/23/04

NUMBER OF ACRES IN LEASE: 2.18    NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR: 0  
NUMBER OF ABANDONED WELLS ON LEASE: 0

IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED?  
NAME: N/A    ADDRESS: \_\_\_\_\_

NO. OF WELLS:    PRODUCING \_\_\_\_\_    INJECTION \_\_\_\_\_    INACTIVE \_\_\_\_\_    ABANDONED \_\_\_\_\_

STATUS OF BOND:     SINGLE WELL AMOUNT \$ \_\_\_\_\_     BLANKET BOND AMOUNT \$ 20,000    Letter of Credit     ON FILE     ATTACHED

REMARKS: (IF THIS IS AN APPLICATION TO DEEPEN OR PLUG BACK, BRIEFLY DESCRIBE WORK TO BE DONE, GIVING PRESENT PRODUCING/INJECTION ZONE AND EXPECTED NEW INJECTION ZONE; USE BACK OF FORM IF NEEDED.)

PROPOSED CASING PROGRAM				APPROVED CASING - TO BE FILLED IN BY STATE GEOLOGIST			
AMOUNT	SIZE	WT/FT	CEM.	AMOUNT	SIZE	WT/FT	CEM.
<u>700'</u>	<u>4 1/2"</u>	<u>9lbs</u>	<u>surface</u>	_____	<u>HP OK</u>	_____	<u>FL</u>

I, the undersigned, state that I am the Representative of the Petrol Oil and Gas, Inc (company), and that I am authorized by said company to make this report, and that this report was prepared under my supervision and direction and that the facts stated therein are true, correct, and complete to the best of my knowledge.

SIGNATURE: John Poff    DATE: 3/23/04

PERMIT NUMBER: 20751

APPROVED DATE: 3-25-04

APPROVED BY: [Signature]

DRILLER'S LOG REQUIRED     E-LOGS REQUIRED IF RUN  
 CORE ANALYSIS REQUIRED IF RUN     DRILL SYSTEM TEST INFO. REQUIRED IF RUN  
 SAMPLES REQUIRED  
 SAMPLES NOT REQUIRED  
 WATER SAMPLES REQUIRED AT \_\_\_\_\_

NOTE: THIS PERMIT IS NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

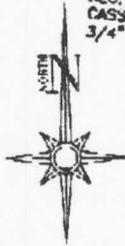
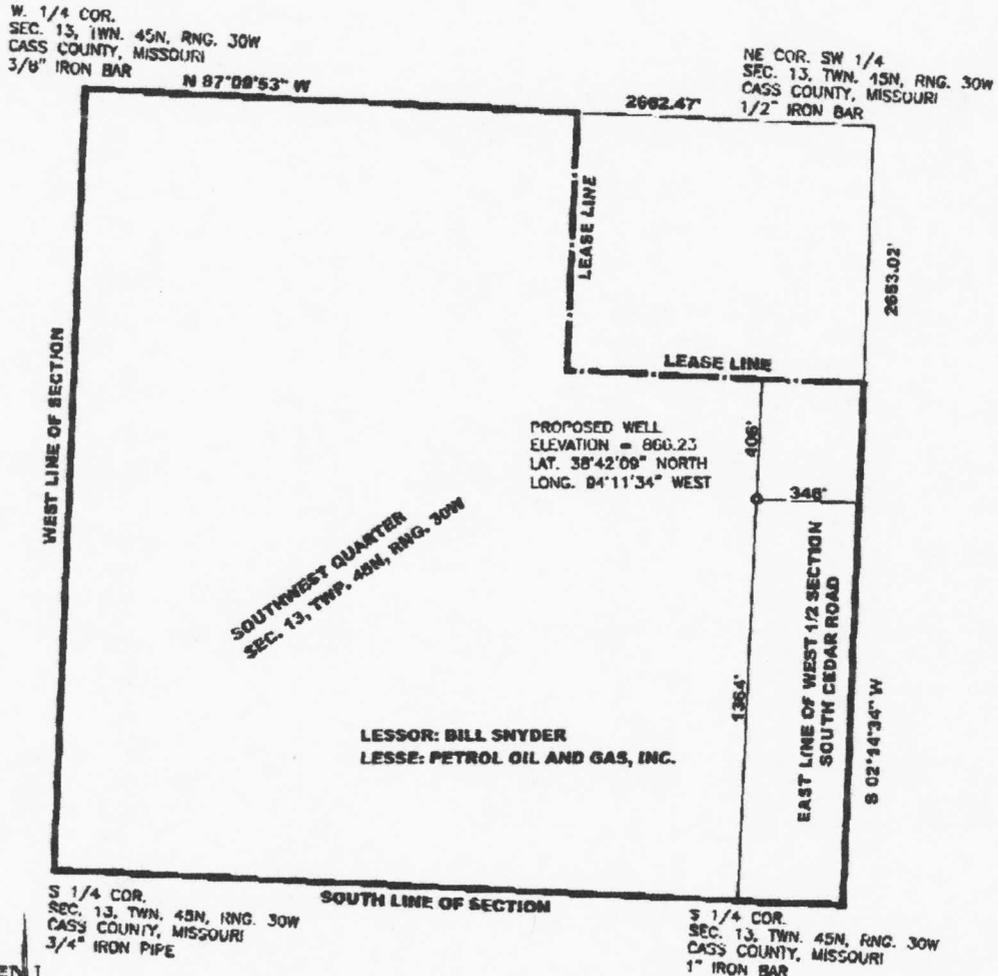
APPROVAL OF THIS PERMIT BY THE OIL AND GAS COUNCIL DOES NOT CONSTITUTE ENDORSEMENT OF THE GEOLOGIC MERITS OF THE PROPOSED WELL NOR ENDORSEMENT OF THE QUALIFICATIONS OF THE PERMITTEE.

I \_\_\_\_\_ of the \_\_\_\_\_ Company confirm that an approved drilling permit has been obtained by the owner of this well. Council approval of this permit will be shown on this form by presence of a permit number and signature of authorized council representative.

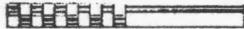
DRILLER'S SIGNATURE: \_\_\_\_\_    DATE: \_\_\_\_\_

# WELL LOCATION MAP

## IN THE SOUTHWEST QUARTER OF SEC. 13, TWP. 45N, RNG. 30W CASS COUNTY, MISSOURI



400 0 400



SCALE: 1" = 400'

THIS IS TO CERTIFY THAT I HAVE EXECUTED A SURVEY TO ACCURATELY LOCATE OIL AND GAS WELLS IN ACCORDANCE WITH 10 CSR 50-2.030 AND THAT THE RESULTS ARE CORRECTLY SHOWN ON THE ABOVE PLAT.

FOR: PETROL OIL AND GAS, INC.

**HUFFMAN & ASSOCIATES**  
Land Surveyors

P.O. Box 661  
Raymore, Missouri 64083  
(816) 322-4544

8424 Clint Drive  
Delton, Missouri 64012  
Fax: 331-4030



SECTION	TOWNSHIP	RANGE	COUNTY	STATE
13	45 N	30 W	CASS	MISSOURI

25 MAR 2004



WILLIAM T. STOECKINGER

037-26751

CERTIFIED PETROLEUM GEOLOGIST  
5742 HAZEL RD. • BARTLESVILLE, OKLAHOMA 74006  
PHONE: (918) 333-7775 • FAX: (918) 333-2224

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037-26751

FEB 15 2008

**BILL SNYDER 13-1**

Mo Oil & Gas Council

**WELL NAME:** Bill and Cletis Snyder 13-1

**LOCATION:** NESESW Section 13, 45 N- 30 W , Cass County, Missouri.

**ELEVATION:** 866' , Surveyed

**TOTAL DEPTH:** 540' at 1700 hours, March 23, 2004.

**SPUDDED:** March 23, 2004 at 1300 hours after drilling Roth 14-1.

**CASING:** 8 5/8" to 40 feet, and 4.5" production casing.

**HOLE SIZE:** 11 1/4" to 40 feet, and 6 3/4" to TD using button bit, air rig.

**LOGS RUN:** Induction, Density- Gamma Ray-Neutron in open hole using Superior of Hominy, OK.

**DRILLING CONTRAC.** Mokat Drilling of Caney, KS. using Schramm air rig.

**OPERATOR:** Petrol Oil and Gas, Inc. of Las Vegas, NV.

**SUPERVISION:** Stoeckinger, Geologist & Gary Bridwell of Petrol Oil and Gas.

**STATUS:** 4.5" casing run and cemented to surface, waiting on orders.

**FORMATIONS TOPS:** Lexington 132' ; Summit 170' ; Mulky shale and coal 190' ; Squirrel sand not developed; Bevier coal 262 (1') ; Croweburg coal 278' (2') ; Fleming/Mineral coal not developed; Weir coal 348' (2') ; Bartlesville sand 384' (30') ; Burgess sand 490' (30') ; Mississippi tan chert 530'.

**CONCLUSIONS:** No gas flows noted. Both Lexington and Summit are black shale without coal. Mulky, 5' thick shale with 1' coal and very gassy, the Weir coal is associated with a sand. All sands are water wet. Bag and canister tests show coals and shales are gassy. Best seams about two feet thick.

**RECOMMENDATION:** Perforate and test the coals.

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### OIL AND GAS SHOWS

There was no show of oil and no show of gas to the surface.

A lighted flare was placed in the blewy line while drilling. Nothing that would burn came from this well at any time. Simple hand checks in the blewy line confirmed the lack of gas on the hole. Both the Bartlesville and Burgess sands are thick, very porous, and produced abundant water while drilling.

### FORMATION EVALUATION

This well is located about 400 feet west of a thermal well drilled for a residence a few years ago. The owner of that well reported gas flows from coals at 170 feet. We drilled this Snyder well to confirm gas flows. The Summit is at 178 feet, is mostly very black organic rich shale with out coal, the underlying Mulky is 5 feet thick with one foot of coal at its base. Canister work on the Mulky shows 300 cc of gas has desorbed and the sample is still giving up gas today ( March 31<sup>st</sup> ). Therefore, we are sure the zone is gassy has both coal and shale, but did not produce enough gas to the surface to be detected by the flare at the end of the blewy line. While drilling between 160 to 220 feet several limes and shales produced water, but not enough to force conversion to mist drilling. Even so, this indicates permeability. The lack of a detectable gas flow to the surface is still worrisome and difficult to explain.

The Bevier ( Wheeler)/Croweburg coal/shale interval is developed between 260 and 290 feet, and is gassy. While drilling we thought the Weir coal was missing and replaced by both thin limes and sands. However, a coal surprisingly appeared at the base of a light gray porous sand. At this moment, this coal is called the Weir, but it may prove to a stray seam.

The very porous, clean sand between 385 and 420 feet appears to have gas based on the cross-over effect of the Neutron /Density curves. However, the Induction log shows only 20 ohms of resistivity and an indicated water saturation of over 70%. Therefore, the sand may have some form of residual gas, but is totally water bearing today as proven by the water produced when drilled with air.

The Burgess sand at 500 feet is very pyritic and caps, as in all wells drilled so far, the Mississippi cherts and lime.

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### OPERATIONS

The well is sited on at the base of a small hill and just west of a thermal house well which reportedly had shows of gas at about 170 feet when drilled some time ago.

This Snyder well was spudded in the early afternoon of March 19<sup>th</sup> after completing the Roth well in the Section 14 to the west. 40 feet of 8 5/8" surface casing was set in yellow gummy clay and cemented using 8 sacks of normal cement. The main 6 3/4" hole reached total depth of 540 feet in cherts of the Mississippi by 1700 hours the same day. A flare stayed lighted at the blowy line throughout the drilling. No flow of gas was detected. Both canister and bag test indicate all coals and organic shales are gassy. At total depth the hole was washed and immediately logged. The fluid level is standing in the hole at 190 feet when logged and is not being agitated by gas breaking through water. This fluid level appears to be the static level for the sands at the base of the Cherokee Section. The rig was released. 4 1/2" production pipe was set and cemented to the surface the next day.

W.T. Stoeckinger  
Certified Petroleum Geologist # 1237 (AAPG)

B & B COOPERATIVE VENTURES

087-20751

**Invoice**

302 SOUTH 16TH  
BURLINGTON, KS 66839

Date	Invoice #
4/6/2004	613

Bill To
PETROL OIL & GAS INC. PAUL BRANAGAN 2300 EAST PATRICK LANE, STE 26 LAS VEGAS, NV 89119

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Mo Oil & Gas Council

Snyder 13-1 DC5 8/19/07

Lease	Terms	Project
GROTH #13-1		

Item	Rate	Description	Cost	Amount
ROUST-ABOUT	2	ROUST-ABOUT SERVICE - 4/5/04 HOOKED ONTO PIPE TRAILER. DROVE TO INVENTORY PILE. LOADED TUBING. HAULED BACK TO SHOP TO TAKE TO LOCATION IN THE MORNING.	65.00	130.00
OTHER BACKHOE/TRE...	9	OVERSEE PLUGGING OF WELL BACKHOE/TRENCHING - 4/6/04 DROVE TO LOCATION. HAULED PIPE TO LOCATION. WAITED FOR WELL TO BE CEMENTED. DUG DOWN AROUND. CUT CASING OFF BELOW GROUND LEVEL. BACK-FILLED HOLE.	200.00 55.00	200.00 495.00
Equipment Rental PULLING UNIT #1	9	CUTTING TORCH/OXYGEN/ACETYLENE PULLING UNIT SERVICE - 4/6/04 DROVE TO LOCATION. SET UP RIG. RAN IN 2" PIPE. WAITED FOR WELL TO BE PLUGGED. PULLED TUBING BACK OUT.	50.00 90.00	50.00 810.00
VAC TRUCK - 87	1.5	VACUUM TRUCK SERVICE - 4/5/04 DROVE TO POND ON 8TH ROAD. LOADED WATER FROM POND. HAULED BACK TO SHOP. WILL TAKE TO LOCATION TOMORROW.	65.00	97.50
VAC TRUCK - 87	9	VACUUM TRUCK SERVICE - 4/6/04 HAULED LOAD OF WATER TO LOCATION. WAITED FOR TUBING TO BE RAN IN WELL. USED WATER OFF OF TRUCK TO CEMENT WELL.	65.00	585.00
OTHER		PIPE TRAILER	25.00	25.00

Thank you for your business.	<b>Total</b>	\$2,392.50
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037-20751

# Invoice



## M.O.K.A.T. DRILLING RIG #2

P.O. BOX 590  
CANEEY, KS 67333  
Phone (620) 879-5377 Cell (620) 252-8338

"For All Your Drilling Needs"  
Specializing In Coal Gas

DATE	INVOICE NO.
3/29/2004	254

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<b>BILL TO</b>
PETROL OIL & GAS Gary Bridwell P.O. Box 1404 Independence, KS 67301

WELL NO.	LEASE
13-1	BILL & CLETIS SNYDER

DESCRIPTION	QTY	RATE	AMOUNT
540' DRILLED AT \$6.50 PER FT.	540	6.50	3,510.00
2 SACKS OF PORTLAND CEMENT.	2	10.00	20.00
8 SACKS OF READY MIX CEMENT.	8	5.00	40.00
<b>Total</b>			<b>\$3,570.00</b>

THANK YOU

**Total**

**\$3,570.00**



**CONSOLIDATED OIL WELL SERVICES, INC.**  
AN ENERGY COMPANY

211 W 14th PO. Box 884 Chanute, KS 66570 • 620/431-9210 • 1-800/467-8676

037-205

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Oil & Gas Council

**TERMS: Net 30 Days**  
A Finance Charge computed per month (annual percentage 12%) will be added to balance 30 days.

**S** PETROL OIL & GAS INC  
**O** C/O GARY BRIDWELL  
**L** P.O. BOX 1404  
**D** INDEPENDENCE KS 67301  
**T**  
**O**

**CONSOLIDATED OIL WELL SERVICES**  
3667 PAYSOPHERE CIRCLE  
CHICAGO IL 60674

Snyder 13-1 PCS 819107

PLEASE REFER TO THIS ACCOUNT NUMBER WHEN MAKING INQUIRIES

ACCOUNT NO.	P.O. NO.	LOCATION	LEASE AND WELL NO.	DATE OF JOB	JOB TICKET NO.	UNITS	UNIT PRICE	UNIT MEAS	EXTEN
6267	0116	20	680TH 13-1	04/06/2004	12069	1.0000	525.0000	EA	
5405M						7.0000	11.8000	SK	
1118						65.0000	3.8000	EA	
5407						103.0000	6.6000	SK	
1124									
			DESCRIPTION						
			PLUG (NEW WELLS)						
			PREMIUM GEL						
			BULK CEMENT DELIVERY/MIN BULK DEL						
			50/50 POZ CEMENT MIX						
<b>GROSS INVOICE</b>		<b>TAX</b>							
1534.40		51.84							
ORIGINAL INVOICE									
PLEASE 1586									

03-2-2015

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CONSOLIDATED OIL WELL SERVICES AN INFINITY COMPANY

TICKET NUMBER

22069

211 W. 14TH STREET, CHANUTE, KS 66720 620-431-9210 OR 800-467-8676

8/9/07 PCS

Mo Oil & Gas Council

LOCATION

FIELD TICKET

Snyder 13-1

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-6-04	6267	Growth 13-1		13			Cass	
CHARGE TO				OWNER				
MAILING ADDRESS				OPERATOR				
CITY & STATE				CONTRACTOR				
Petrol Oil & Gas								
40 Gary Bridwell Box 1404								
Independence KS 67302				Bink				

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION OF SERVICES OR PRODUCT	UNIT PRICE	TOTAL AMOUNT
5405 N	1	PUMP CHARGE plug new well		525 <sup>00</sup>
1118	754	premium gel		8260
5407	65 miles	BLENDING & HANDLING TON-MILES STAND BY TIME MILEAGE WATER TRANSPORTS VACUUM TRUCKS FRAC SAND		247 <sup>00</sup>
1124	103	CEMENT 50/50 p02	6.876	679 <sup>80</sup> 51 <sup>84</sup>
			SALES TAX	
ESTIMATED TOTAL				1586 <sup>24</sup>

Ravin 2790

CUSTOMER or AGENTS SIGNATURE

CIS FOREMAN

Alan Mober

W.L.04

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TICKET NUMBER 23131

CONSOLIDATED OIL WELL SERVICES, INC.  
211 W. 14TH STREET, CHANUTE, KS 66720  
620-431-9210 OR 800-467-8676

Oil & Gas Council  
TREATMENT REPORT

LOCATION Ottawa  
FOREMAN Alan Mader

Snyder 13-1 <sup>DCS</sup> 8/19/07

DATE	CUSTOMER ACCT #	WELL NAME	QTR/QTR	SECTION	TWP	RGE	COUNTY	FORMATION
4-6-07	6267	G6th 13-1		13			Cass Mo	
CHARGE TO <u>Petrol Oil + Gas</u>				OWNER				
MAILING ADDRESS <u>1/6 Gary Bridwell Box 401</u>				OPERATOR				
CITY <u>Independence</u>				CONTRACTOR <u>B.R.K.</u>				
STATE <u>KS</u>		ZIP CODE <u>67302</u>		DISTANCE TO LOCATION <u>65</u>				
TIME ARRIVED ON LOCATION				TIME LEFT LOCATION				

WELL DATA	
HOLE SIZE	<u>6 3/4</u>
TOTAL DEPTH	<u>310</u>
CASING SIZE	<u>—</u>
CASING DEPTH	
CASING WEIGHT	
CASING CONDITION	
TUBING SIZE	<u>2 3/8 EUE</u>
TUBING DEPTH	<u>307</u>
TUBING WEIGHT	
TUBING CONDITION	
PACKER DEPTH	
PERFORATIONS	
SHOTS/FT	
OPEN HOLE	
TREATMENT VIA	

TYPE OF TREATMENT	
<input type="checkbox"/> SURFACE PIPE	<input type="checkbox"/> ACID BREAKDOWN
<input type="checkbox"/> PRODUCTION CASING	<input type="checkbox"/> ACID STIMULATION
<input type="checkbox"/> SQUEEZE CEMENT	<input type="checkbox"/> ACID SPOTTING
<input checked="" type="checkbox"/> PLUG & ABANDON	<input type="checkbox"/> FRAC
<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> FRAC + NITROGEN
<input type="checkbox"/> MISC PUMP	<input type="checkbox"/> FOAM FRAC
<input type="checkbox"/> OTHER	<input type="checkbox"/> NITROGEN

PRESSURE LIMITATIONS		
	THEORETICAL	INSTRUCTED
SURFACE PIPE		
ANNULUS LONG STRING		
TUBING		

INSTRUCTION PRIOR TO JOB  
386 A Mader  
164 H Reed 195 Chris

JOB SUMMARY

DESCRIPTION OF JOB EVENTS Washed tubing to 507'. Mixed + pumped 65 SX  
50/50 69 gel. Pulled 8 joints of tubing. Mixed + pumped  
35 SX cement. Circulated cement to surface. Pulled tubing  
out and topped off with 10 SX more. Left hole full  
Cement was mixed at 12.8 PPG yield of 1.69

Alan Mader

PRESSURE SUMMARY	
BREAKDOWN or CIRCULATING	— psi
FINAL DISPLACEMENT	— psi
ANNULUS	— psi
MAXIMUM	— psi
MINIMUM	— psi
AVERAGE	— psi
ISIP	— psi
5 MIN SIP	— psi
15 MIN SIP	— psi

TREATMENT RATE	
BREAKDOWN BPM	
INITIAL BPM	
FINAL BPM	
MINIMUM BPM	
MAXIMUM BPM	
AVERAGE BPM	<u>H</u>

AUTHORIZATION TO PROCEED

TITLE

DATE