

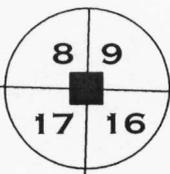
STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

FORM OGC-3

APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

<input checked="" type="checkbox"/> APPLICATION TO DRILL		<input type="checkbox"/> DEEPEN		<input type="checkbox"/> PLUG BACK		<input checked="" type="checkbox"/> FOR AN OIL WELL		<input type="checkbox"/> OR GAS WELL	
NAME OF COMPANY OR OPERATOR Osborn Energy, LLC						DATE 10/20/2006			
ADDRESS 24850 Farley			CITY Bucyrus			STATE KS		ZIP CODE 66013	
DESCRIPTION OF WELL AND LEASE									
NAME OF LEASE Osborn			WELL NUMBER 55-16			ELEVATION (GROUND) 990'			
WELL LOCATION (GIVE FOOTAGE FROM SECTION LINES) 2475 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South section line 660 ft. from <input type="checkbox"/> East <input checked="" type="checkbox"/> West section line									
WELL LOCATION Sec. 16 Township 43 North Range 33 <input type="checkbox"/> East <input checked="" type="checkbox"/> West				LATITUDE		LONGITUDE		COUNTY Cass	
NEAREST DISTANCE FROM PROPOSED LOCATION TO PROPERTY OR LEASE LINE 165 FEET DISTANCE FROM PROPOSED LOCATION TO NEAREST DRILLING, COMPLETED OR APPLIED - FOR WELL ON THE SAME LEASE 330 FEET									
PROPOSED DEPTH 600'		DRILLING CONTRACTOR, NAME AND ADDRESS Obborn Energy, LLC				ROTARY OR CABLE TOOLS air		APPROX. DATE WORK WILL START 11/06/2006	
NUMBER OF ACRES IN LEASE 4000		NUMBER OF WELLS ON LEASE INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS RESERVOIR 8 NUMBER OF ABANDONED WELLS ON LEASE None							
IF LEASE PURCHASED WITH ONE OR MORE WELLS DRILLED, FROM WHOM PURCHASED? NAME _____ ADDRESS _____						NO. OF WELLS PRODUCING _____ INJECTION _____ INACTIVE _____ ABANDONED _____			
STATUS OF BOND		<input type="checkbox"/> SINGLE WELL AMOUNT \$ _____			<input checked="" type="checkbox"/> BLANKET BOND AMOUNT \$ 34000.00			<input checked="" type="checkbox"/> ON FILE <input type="checkbox"/> 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	CEMENT	AMOUNT	SIZE	WT/FT	CEMENT		
20'	7"		to surface	20'	7"		Port land to Surface		
600'	2 7/8"		to surface	600'	2 7/8"		" "		
I, the Undersigned, state that I am the <u>Agent</u> of the <u>OELLC</u> (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 <i>Marshall S. Peam</i>						DATE Oct 25, 2006			
PERMIT NUMBER 20777		<input type="checkbox"/> DRILLER'S LOG REQUIRED <input type="checkbox"/> E-LOGS REQUIRED IF RUN <input type="checkbox"/> CORE ANALYSIS REQUIRED IF RUN <input type="checkbox"/> DRILL SYSTEM TEST INFO REQUIRED IF RUN <input type="checkbox"/> SAMPLES REQUIRED <input type="checkbox"/> SAMPLES NOT REQUIRED <input type="checkbox"/> WATER SAMPLES REQUIRED AT							
APPROVED DATE 11-1-06		APPROVED BY <i>[Signature]</i>							
NOTE THIS PERMIT 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, <u>Agent</u> of the <u>OELLC</u> (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 <i>Marshall S. Peam</i>						DATE Oct 25, 2006			

NORTHWEST CORNER
SECTION 17-43-33



SECTION LINE

SECTION LINE

2145'

2475'

PROPOSED GAS
WELL NO. 47

PROPOSED GAS
WELL NO. 46

PROPOSED GAS
WELL NO. 44

330'

330'

330'

330'

330'

PROPOSED GAS
WELL NO. 45

PROPOSED GAS
WELL NO. 43

PROPOSED GAS
WELL NO. 53

330'

PROPOSED GAS
WELL NO. 54

PROPOSED GAS
WELL NO. 56

330'

97'

330'

330'

330'

330'

PROPOSED GAS
WELL NO. 52

PROPOSED GAS
WELL NO. 55

SOUTHEAST CORNER
SECTION 17-43-33



- ⊕ PROPOSED GAS WELL
- FOUND MONUMENT @ SECTION CORNER

FOR: OSBORN ENERGY

GAS WELL LOCATIONS



Land
Surveying

JOHN RENNER
 LAND SURVEYOR
 6247 BROOKSIDE BOULEVARD
 SUITE 204
 KANSAS CITY, MO 64113
 816-333-8841

NOTES:
 THIS IS NOT A BOUNDARY SURVEY. IT IS FOR
 PROPOSED GAS WELL LOCATION.

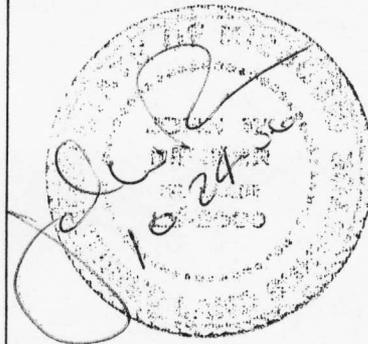
RECEIVED

NOV 01 2006

Mo Oil & Gas Council

DATE: 10-20-2006

JOB No.: 10-06-024



FEB 13 2009



STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

Mo Oil & Gas Council

NEW WELL
 WORKOVER
 DEEPEN
 PLUG BACK
 INJECTION
 SAME RESERVOIR
 DIFFERENT RESERVOIR
 OIL
 GAS
 DRY

OWNER Osborn Energy, LLC		ADDRESS 24850 Farley, Bucyrus, KS 66013	
LEASE NAME Osborn		WELL NUMBER 55-16	
LOCATION OF WELL	SEC TWN RNG	OR	BLOCK AND SURVEY
Sec. 16 Twp 43 North, Rng 33		<input type="checkbox"/> East <input checked="" type="checkbox"/> West	OR 2475 ft. from <input checked="" type="checkbox"/> North <input type="checkbox"/> South 660 ft. from <input type="checkbox"/> East <input checked="" type="checkbox"/> West
COUNTY Cass	PERMIT NUMBER (OGC-3 OR OGC-31) 20777		
DATE SPUDDED 11/21/2006	DATE TOTAL DEPTH REACHED 11/21/2006	DATE COMPLETED READY TO PRODUCE OR INJECT 6/9/2007	ELEVATION (DF, RKR, RT, OR Gr.) FEET 990
TOTAL DEPTH 518		ELEVATION OF CASING HD. FLANGE FEET	
PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION 452-460		ROTARY TOOLS USED (INTERVAL) 0 TO 518	CABLE TOOLS USED (INTERVAL)
WAS THIS WELL DIRECTIONALLY DRILLED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No		WAS DIRECTIONAL SURVEY MADE? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No	WAS COPY OF DIRECTIONAL SURVEY FILED? <input type="checkbox"/> Yes <input checked="" type="checkbox"/> No
TYPE OF ELECTRICAL OR OTHER LOGS RUN (JUST LOGS FILED WITH THE STATE GEOLOGIST) Gamma Ray Neutron			DATE FILED

CASING RECORD

CASING (REPORT ALL STRINGS SET IN WELL – CONDUCTOR, SURFACE, INTERMEDIATE, PRODUCING, ETC.)

PURPOSE	SIZE HOLE DRILLED	SIZE CASING SET	WEIGHT (LB. FT)	DEPTH SET	SACKS CEMENT	AMOUNT PULLED
Surface	9 1/2"	7"	17	20'	6	
Production	6 1/4"	2 7/8"	6 1/2"	503	98	

TUBING RECORD

LINER RECORD

SIZE	DEPTH SET	PACKER SET AT	SIZE	TOP	BOTTOM	SACKS CEMENT	SCREEN
INCH	FEET	FEET	INCH	FEET	FEET		FEET

PERFORATION RECORD

ACID, SHOT, FRACTURE, CEMENT SQUEEZE RECORD

NUMBER PER FEET	SIZE AND TYPE	DEPTH INTERVAL	AMOUNT AND KIND OF MATERIAL USED	DEPTH INTERVAL
2	2" DML RTG	452-460		452-460

INITIAL PRODUCTION

DATE OF FIRST PRODUCTION OR INJECTION 6/9/2007		PRODUCING METHOD (INDICATE IF FLOWING, GAS LIFT, OR PUMPING – IF PUMPING, SHOW SIZE AND TYPE OF PUMP.) Pumping 1 1/2" insert bbl				
DATE OF TEST	HOURS TESTED	CHOKE SIZE	OIL PRODUCED DURING TEST	GAS PRODUCED DURING TEST	WATER PRODUCED DURING TEST	OIL GRAVITY
	24		2 BBLs	MCF	2 BBLs	API (CORR.)
TUBING PRESSURE	CASING PRESSURE	CALCULATED RATE OF PRODUCTION PER 24 HOURS		OIL	GAS	WATER
				2 BBLs	0MCF	2 BBLs

DISPOSITION OF GAS (STATE WHETHER VENTED, USED FOR FUEL OR SOLD)

METHOD OF DISPOSAL OF MUD PIT CONTENTS

Let water evaporate, then fill pit with a backhoe

CERTIFICATE: I, the Undersigned, state that I am the Agent of the OELLC (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.

DATE 2-10-09	SIGNATURE <i>Curtis Hamber</i>
------------------------	-----------------------------------

RECEIVED

FEB 13 2009

Geological Report

Mo Oil & Gas Council

Osborn 55-16

Section 16-T43N-R33W
Cass Co., Missouri
Permit #20777
Elevation: 993' GL
Drilling Contractor: Osborn Energy, LLC
Spud 11-21-06
Total Rotary Depth: 518' on 11-21-06

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
Anna Shale (Lexington)	381'	612'
Summit Shale	426'	567'
Mulky Coal/Shale	445'	548'
Squirrel Sand	449'	544'
Total Depth	518'	

449-452 SS: clear, grey, shaly, fine grained, angular to sub-rounded, moderately sorted, well cemented, no show

452-457 SS: clear, frosted, fine grained, angular to sub-rounded, moderately sorted, moderately cemented, oil show

457-460 SS: clear, brown, limey, fine grained, angular to sub-rounded, moderately sorted, well cemented, oil show, poor bleed (no bleed 459-460)

460-462 SH: grey, sandy, no show

Total Depth 518' on 11-21-06

Brief Summary

Lexington	Small open flow
Squirrel Sand	7' of pay, poor bleed

FEB 13 2009

Mo Oil & Gas Council

CONSOLIDATED OIL WELL SERVICES, L.L.C.
P.O. BOX 884, CHANUTE, KS 66720
520-431-9210 OR 800-467-8676

TICKET NUMBER 15321
LOCATION Ottawa
FOREMAN _____

TREATMENT REPORT & FIELD TICKET
CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-27-08	6073	Osborn #55				Cass Co, Mo

CUSTOMER
Osborn Energy
MAILING ADDRESS
24850 Farley
CITY
Bucyrus STATE ISS ZIP CODE _____

TRUCK #	DRIVER	TRUCK #	DRIVER
389	Alamad		
368	Mat Mad		
122	Ken Ham		

JOB TYPE long string HOLE SIZE 6 1/4 HOLE DEPTH 518 CASING SIZE & WEIGHT 2 7/8
CASING DEPTH 503 DRILL PIPE _____ TUBING _____ OTHER _____
SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING _____
DISPLACEMENT _____ DISPLACEMENT PSI _____ MIX PSI _____ RATE _____

REMARKS: Established rate. Washed 8 joints of pipe down. Mixed & pumped 200# gel. Mixed & pumped 100sx 50/150 poz 2 1/2 gel. Circulated cement to surface. Flushed pump clean, pumped 2 1/2 plug to casing TD. Well held 600 PSI. Closed valve.

Customer supplied water Alan Maden

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401	1	PUMP CHARGE	368 800	800.00
5406	0	MILEAGE	368	0
5407A		ton miles	122	223.13
5402	503'	casing footage	368	NIC
1118B	400#	gel		56.00
1124	98sx	50/150 poz		863.30
4402	1	2 1/2 plug		20.00
			Sub	1966.43
			10.8%	64.15
			ESTIMATE TOTAL	2030.58

AUTHORIZATION _____ TITLE W# 211282 DATE Alan Maden

CEMENTING WORK ORDER

CONSOLIDATED OIL WELL SERVICES, INC.
Phone (620) 431-9210 Chanute, Kansas 66720

DAY Wed
DATE 12/27/2006
Month / Day / Time

NAME OF CUSTOMER: Osborn

LEASE # Osborn WELL # 55

JOB DESCRIPTION: cem

PIPE SIZE 2 7/8 SIZE OF HOLE: 6 1/4

DEPTH OF WELL: 518

TYPE OF RIG: AIR MUD

AMOUNT OF CEMENT NEEDED 100 sks 50/50 Poz

% OF GEL NEEDED: 2%

MATERIALS: 98 sks poz, 400# gel

TRUCKS: VAC TRANSPORT

LOCATION OF JOB: _____

389-AM, 368-MM, 122-KH

ORDER TAKEN BY: Jim Green

RECEIVED

FEB 13 2009

Mo Oil & Gas Council