

STATE OF MISSOURI
 MISSOURI DEPARTMENT OF NATURAL RESOURCES
 GEOLOGICAL SURVEY PROGRAM
APPLICATION FOR PERMIT TO DRILL, DEEPEN OR PLUG BACK

FOHM OGC-3

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

NAME OF COMPANY OR OPERATOR: Osborn Energy, LLC DATE: 11/27/2006

ADDRESS: 24850 Farley CITY: Bucyrus STATE: KS ZIP CODE: 66013

DESCRIPTION OF WELL AND LEASE

NAME OF LEASE: Osborn WELL NUMBER: 51-17 ELEVATION (GROUND): 990'

WELL LOCATION: 2475 ft. from North South section line 757 ft. from East West section line

WELL LOCATION: Sec. 17 Township 43 North Range 33 East 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: Osborn Energy, LLC ROTARY OR CABLE TOOLS: air APPROX. DATE WORK WILL START: 11/27/2006

NUMBER OF ACHES IN LEASE: 4000 NUMBER OF WELLS ON LEASE, INCLUDING THIS WELL, COMPLETED IN OR DRILLING TO THIS DEPTH: 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: 7 ABANDONED:

STATUS OF BOND: SINGLE WELL AMOUNT \$ BLANKET BOND AMOUNT \$ 34000.00 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 NLW 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"		Parted to Surface
600'	2 7/8"		to surface	600'	2 7/8"		Parted to Surface

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.

SIGNATURE: *Michael S. Pearce* DATE: Dec 6, 2006

PERMIT NUMBER: 20785

APPROVED DATE: 1-11-07

APPROVED BY: *Michael S. Pearce*

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

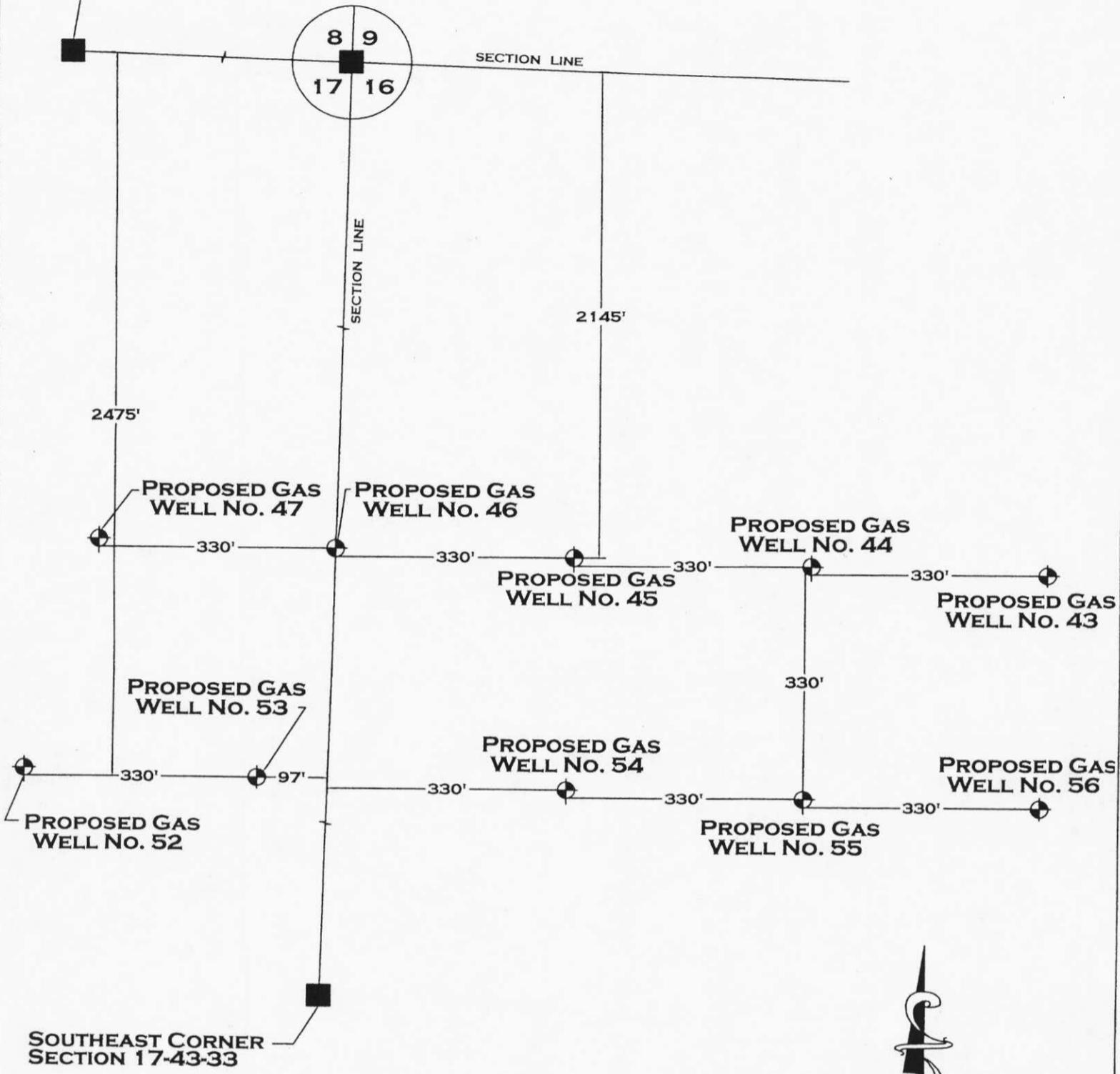
NOTE ▶ THIS PERMIT NOT TRANSFERABLE TO ANY OTHER PERSON OR TO ANY OTHER LOCATION.

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, Agent of the OELLC (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: *Michael S. Pearce* DATE: Dec 6, 2006

NORTHWEST CORNER
SECTION 17-43-33



- ⊕ PROPOSED GAS WELL
- FOUND MONUMENT @ SECTION CORNER

FOR: OSBORN ENERGY

GAS WELL LOCATIONS



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.

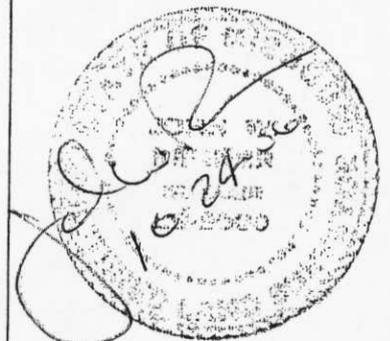
RECEIVED

NOV 01 2006

Mo Oil & Gas Council

DATE: 10-20-2006

JOB No.: 10-06-024





STATE OF MISSOURI
MISSOURI DEPARTMENT OF NATURAL RESOURCES
GEOLOGICAL SURVEY PROGRAM

RECEIVED
FORM OGC-5

WELL COMPLETION OR RECOMPLETION REPORT AND WELL LOG

FEB 13 2009

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: 51-17

LOCATION OF WELL: Sec. 17 Twp 43 North, Rng 33 East West OR 2475 ft. from North South 757 ft. from East West

COUNTY: Cass PERMIT NUMBER (OGC-3 OR OGC-31): 20785

DATE SPUDDED: 11/29/2006 DATE TOTAL DEPTH REACHED: 12/5/2006 DATE COMPLETED READY TO PRODUCE OR INJECT: 6/9/2007 ELEVATION (DF, RKR, RT, OR Gr.) FEET: 990 ELEVATION OF CASING HD. FLANGE FEET:

TOTAL DEPTH: 543 PLUG BACK TOTAL DEPTH:

PRODUCING OR INJECTION INTERVAL(S) FOR THIS COMPLETION: 460-466 ROTARY TOOLS USED (INTERVAL) 0 TO 543 DRILLING FLUID USED: air CABLE TOOLS USED (INTERVAL):

WAS THIS WELL DIRECTIONALLY DRILLED? Yes No WAS DIRECTIONAL SURVEY MADE? Yes No WAS COPY OF DIRECTIONAL SURVEY FILED? Yes No DATE FILED:

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"	543	96	

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	460-466	15% HCL/ 3000#	460-466

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: 24 HOURS TESTED: 24 CHOKE SIZE: OIL PRODUCED DURING TEST: 2 BBLs GAS PRODUCED DURING TEST: MCF WATER PRODUCED DURING TEST: 2 BBLs OIL GRAVITY: API (CORR.):

TUBING PRESSURE: CASING PRESSURE: CALCULATED RATE OF PRODUCTION PER 24 HOURS: OIL: 2 BBLs GAS: 0MCF WATER: 2 BBLs GAS OIL RATIO:

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: *Custer Houben*

RECEIVED

FEB 13 2009

Geological Report

Mo Oil & Gas Council

Osborn 51-17

Section 17-T43N-R33W
Cass Co., Missouri
Permit # 20785
Elevation: 1006' GL
Drilling Contractor: Osborn Energy, LLC
Spud 11-29-06
Total Rotary Depth: 543' on 12-05-06

<u>Formation</u>	<u>Driller Log Tops</u>	<u>Datum</u>
South Mound	274'	'
Anna Shale (Lexington)	390'	'
Summit Shale	438'	'
Mulky Coal/Shale	452'	'
Squirrel Sand	463'	'
Total Depth	543'	

460-463 Shale, grey, sandy

463-468 Sandstone, clear, frosted, brown oil stain, fine grained, angular to sub-rounded, moderately sorted, poorly cemented, good porosity, strong odor, free oil

468-471 Sandstone, clear, grey, shaly, fine grained, angular to sub-rounded, moderately sorted, well cemented, oil show

471-476 Shale, grey, sandy

Total Depth 543' on 12-05-06

Brief Summary

Hepler/Wayside	No sand
Wieser Sand	No show
Lexington	Small open flow
Squirrel Sand	8' of Pay, Moderate bleed

FEB 13 2009

CONSOLIDATED OIL WELL SERVICES, INC.
 P.O. BOX 884, CHANUTE, KS 66720
 620-431-9210 OR 800-467-8676

TICKET NUMBER 09025
 LOCATION Ottawa KS
 FOREMAN Fred Mader

TREATMENT REPORT & FIELD TICKET
 CEMENT

DATE	CUSTOMER #	WELL NAME & NUMBER	SECTION	TOWNSHIP	RANGE	COUNTY
12-18-06	6073	Osborn # 51				Cass, MO

CUSTOMER: Osborn Energy LLC
 MAILING ADDRESS: 24850 Farley
 CITY: Bucyrus STATE: KS ZIP CODE: 66013

TRUCK #	DRIVER	TRUCK #	DRIVER
506	Fred Mader		
368	Max Mader		
122	Rod Bass		

JOB TYPE Long string HOLE SIZE 6 1/4 HOLE DEPTH 543' CASING SIZE & WEIGHT 2 7/8 EUE
 CASING DEPTH 501' DRILL PIPE _____ TUBING _____ OTHER _____
 SLURRY WEIGHT _____ SLURRY VOL _____ WATER gal/sk _____ CEMENT LEFT in CASING ?
 DISPLACEMENT 3 BBL DISPLACEMENT PSI _____ MIX PSI _____ RATE 4 BPM

REMARKS: Check casing depth w/ measuring line. Establish circulation
mix Pump 100# Premium Gel Flush. Mix Pump 9PSKS
50/50 Por Mix Cement 2% Gel. At End of Cementing operation,
Casing Jacked app 15' out of hole. Displace Cement
out of Casing w/ 3 BBLs Fresh water. Release pressure
& set Float Valve. Unable to disconnect & insert 2 1/2 Plug.
Customer Supplied Water. Fred Mader

ACCOUNT CODE	QUANTITY or UNITS	DESCRIPTION of SERVICES or PRODUCT	UNIT PRICE	TOTAL
5401		PUMP CHARGE Cement Pump 368		800.00
5406	10mi	MILEAGE Pump Truck - 10 of 5 units 368		31.20
5407A	4.2075 Ton	Ton Mileage \$22		220.87
1124	96 s/ks	50/50 Por Mix Cement		849.60
118B	267 #	Premium Gel		37.88
		Sub Total		1939.37
		Tax @ 6.8%		60.31
		SALES TAX ESTIMATED TOTAL		1999.68

AUTHORIZATION _____

TITLE Weld 2111.49

DATE _____

CEMENTING WORK ORDER

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

RECEIVED

DAY Monday
DATE 12/18/2006
Month / Day / Time

FEB 13 2009

NAME OF CUSTOMER: Osborn Mo Oil & Gas Council

LEASE # Osborn WELL # 51

JOB DESCRIPTION: longstring

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

DEPTH OF WELL: 543

TYPE OF RIG: AIR MUD

AMOUNT OF CEMENT NEEDED 98 sks 50/50 poz

% OF GEL NEEDED: 2%

MATERIALS: 96 sks poz, 267# gel

TRUCKS: VAC TRANSPORT

LOCATION OF JOB: _____

506-FM, 368-MM, 122-RB

ORDER TAKEN BY: Jim Green