

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

1a. Type of Well: ☐ Oil Well ☒ Gas Well ☐ Dry ☒ Other SWD 1b. Type of Completion: ☐ New Well ☒ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr. Other: <u>ACTIVE SWD</u>						5. Lease Serial No. NM080255			
2. Name of Operator THOMPSON, J. CLEO, OGRID 11181						6. If Indian, Allottee or Tribe Name			
3. Address P.O. BOX 12577 ODESSA TX 79768						7. Unit or CA Agreement Name and No.			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 438' FNL & 860.4' FEL, UL: A At top prod. interval reported below At total depth						8. Lease Name and Well No. JCT FEDERAL 24 9. API Well No. 30-025-38569			
14. Date Spudded 05/10/2010						15. Date T.D. Reached 06/04/2010			
16. Date Completed 06/07/2010 ☒ D & A ☐ Ready to Prod.						17. Elevations (DF, RKU, RT, GL)* 3965' GL			
18. Total Depth: MD 12390 TVD						19. Plug Back T.D.: MD TVD			
20. Depth Bridge Plug Set: MD TVD						21. Type Electric & Other Mechanical Logs Run (Submit copy of each)			
22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☒ No ☐ Yes (Submit copy)						10. Field and Pool or Exploratory SWD: San Andres - Bldo. Pad Blaineby 11. Sec., T., R., M., on Block and Survey or Area SEC 24, T9S, R37E 12. County, or Parish LEA 13. State NM			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cementer Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17-1/2	13-3/8	48#		570'		500 SX "C"	153	SURFACE	
	H-40								
11	8-5/8 K55	32#		5145'		1700 SX "C"	214.4	SURFACE	
	HCK					50:50 POZ			
7-7/8	4-1/2 P110	11.6#		12,390'		630 SX	151.2	10,000	
						50:50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2 3/8	5117	5117							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Atoka	5552	6164	5552 TO 6164	2SPF	44				
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval	Amount and Type of Material								
5552 - 6164	1000 GALS 15% HCL								
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
		12	→	0	0	40			injection
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Thg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on page 2)

Non-Well PDA # 2837013

SWD-1215

DEC 08 2011

28b. Production - Interval C									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Pbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

28c. Production - Interval D									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Pbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

N/A

30. Summary of Porous Zones (Include Aquifers):	31. Formation (Log) Markers:
Show all important zones of porosity and contents thereof. Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.	

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
RUSTLER	2292				
YATES	2932				
SAN ANDRES	4295				
GLORIETTA	5632				
TUBB	6970				
WOLFCAMP	8934				
PENN	9680				
ATOKA	11560				
MISSISSIPPI	11848				
WOODFORD	12196				
DEVONIAN	12288				

32. Additional remarks (include plugging procedure):

WELL IS NOW ACTIVE SWD-AS OF OCT, 2010.

33. Indicate which items have been attached by placing a check in the appropriate boxes:

☐ Electrical/Mechanical Logs (1 full set req'd.)	☐ Geologic Report	☐ DST Report	☐ Directional Survey
☐ Sundry Notice for plugging and cement verification	☐ Core Analysis	☐ Other:	

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions):

Name (please print) <u>VONDA FREEMAN</u>	Title <u>AGENT</u>
Signature <u>Vonda Freeman</u>	Date <u>12/08/2011</u>

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212; make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

**J. CLEO THOMPSON
JCT FEDERAL 24 #1
LEA COUNTY, NM
ATTACHMENT FOR 3160-4**

RECOMPLETE TO SWD

5-10-10 Road rig to location & spot on well, to windy to rig up. SDFN

Daily Cost: \$1,500.00

5-11-10 Rigged up DD-11, had to cheater pipe all wellhead bolts loose, nipple up BOP & tally 114 stands out of hole. Shut down for wind.

Daily Cost: \$3,100.00

Est. Accumulative Cost: \$4,600.00

5-13-10 JACK JOHNSON INSPECTOR WITH BLM ON LOCATION TO INSPECT.
(575)706-2150

Tagged plug at 11,577' (by tbg tally) POOH with tbg, nipple down BOP & wellhead, rigged up Rotary, RIH w/jet cutter, cut casing at 9,900' POOH w/wireline, speared csg & tried to pull, wouldn't come, set casing back on slips & nipple up wellhead & BOP. RIH w/tubing to 10,100' and SDFN.

Daily Cost \$9,583.00

Est. Accumulative Cost: \$28,203.00

5-14-10 Rigged up BCM, pumped 30 sacks class H - 15.8# cement & displaced w/9.5# mud laden fluid, pull tbg to 7,000' SDFWE.

Daily Cost: \$4,580.00

Est. Accumulative Cost: \$32,783.00

5-17-10 RIH & tagged plug at 9,488' POOH w/tbg. SDFN

Daily Cost: \$2,124.00

Est. Accumulative Cost: \$34,907.00

5-18-10 No activity today.

5-19-10 Nipple down BOP & wellhead, rigged up Rotary, speared casing & picked up off slips & ran free point, 4 1/2 casing stuck at bottom of 8 5/8 casing at 5,145', set 4 1/2 casing back on slips, nipple up wellhead & BOP. RIH w/perf gun & shot 4 holes at 8,984'

(Wolfcamp)

SDFN

Daily Cost: \$10,660.00

Est. Accumulative Cost: \$45,567.00

5-20-10 RIH w/6- jts tail pipe, pkr &

258 jts tbg, set pkr at 8,391', tail pipe at 8,586', press tbg to 1,500 psi could not pump into perfs at 8,984', released pkr & ran tail pipe to 9,034', spot 25 sks class H - 14.8# cmt across perfs, pooh w/pkr. Rigged up BCM wireline truck, ran in & tagged plug at 8,525'.

SDFN

Daily Cost: \$8,950.00

Est. Accumulative Cost: \$54,517.00

**J. CLEO THOMPSON
JCT FEDERAL 24 #1
LEA COUNTY, NM
ATTACHMENT FOR 3160-4**

5-21-10 Nipple down well head, rigged up BCM, cut casing at 7,200' w/jet cutter, rigged up casing jacks & pulled 200,000# while working casing up & down, wouldn't come loose, rig down jacks, nipple up well head. SDFWE
Daily Cost: \$9,520.00
Est. Accumulative Cost: \$64,037.00

5-24-10 RIH w/6-jts tail pipe, packer & 21-l-jts tbg, set packer w/tail pipe at 6,821', pressure tbg to 1,800 psi, could not pump into cut at 7,200', release packer & ran tail pipe to 7,253', spot 25 sacks 14.8# class C cement, pulled tail pipe to 5,123'. SDFN
Daily Cost: \$6,805.00
Est. Accumulative Cost: \$70,842.00

5-25-10 POOH w/packer, rigged up BCM wireline ran in & tagged plug at 6,907', perf 4 holes at 6,904' POOH w/wireline. RIH w/6-jts tail pipe, packer & 1 stand tubing, set packer & pumped into perfs at 1,500 psi, released packer & ran tail pipe down to plug, spot 30 sacks 14.8# class C cement, pulled tail pipe to 5,250' set packer & squeezed 15 sacks thru perfs at 1,800 psi, shut down & press dropped to 1,200 psi, shut in w/1,200 psi on tbg. SDFN
Daily Cost: \$7,460.00
Est. Accumulative Cost: \$78,302.00

5-26-10 Released packer, RIH & tagged plug at 6,815', POOH w/packer, rigged up Rotary & ran **Gamma Ray**, CCL & perf 2-spf at 5552-5600, 5800-5820 & 6140-6164, RIH w/packer to 700', set packer & broke circulation out 8 5/8, closed 8 5/8 casing valve & pumped 12 bbls, 2 bpm at 1,500 psi, POOH w/packer. SDFN
Daily Cost: \$13,343.00
Est. Accumulative Cost: \$91,645.00

5-27-10 Nipple down wellhead, rigged up Rotary, RIH w/jet cutter & cut 4 1/2" casing at 5,500', speared casing & worked up & down from 0 to 160,000#, wouldn't come loose, nipple up well head. SDFN
Daily Cost: \$5,515.00
Est. Accumulative Cost: \$97,160.00

5-28-10 Rigged up BCM casing jacks, jacked casing loose, nipple up spool & BOP, laid down 10 jts 4 1/2" casing. (Pulled into 8 5/8" casing) SDFWE
Daily Cost: \$6,380.00
Est. Accumulative Cost: \$103,540.00

6-1-10 Rigged up Allens Casing Crew & Big Bear lay down machine, laid down 132 jts 4 1/2" casing, rig down casing equipment. RIH w/80 stands tbg. SDFN
Daily Cost: \$10,177.00
Est. Accumulative Cost: \$113,717.00

**J. CLEO THOMPSON
JCT FEDERAL 24 #1
LEA COUNTY, NM
ATTACHMENT FOR 3160-4**

6-2-10 RIH w/tbg to 6,175' rigged up Basic & circulate hole clean w/fresh water, POOH laying down tubing. Rack & tally Poly Lined tbg. SDFN
Daily Cost: \$6,337.00
Est. Accumulative Cost: \$120,054.00

6-3-10 Picked up 8 5/8 Arrow Set packer w/2 7/8 pin x 2 3/8 box x-over, 2 3/8 SN & 164 jts 2 3/8 J-55 Polycore tubing circulate 325 bbls packer fluid, set packer at 5,117' & pressure casing to 500 psi, held OK. SDFN (had trouble running drift thru 7 jts on top)
Daily Cost: \$19,295.00
Est. Accumulative Cost: \$139,349.00

6-4-10 Ran mechanical integrity test for OCD. Rigged pump truck up on tbg & pumped 30 bbls water - 1 bpm at 1,250 psi, 40 bbls - 1 1/2 bpm at 1,550 psi & 40 bbls - 2 bpm at 1,850 psi. SDFWE
Daily Cost: \$2,286.00
Est. Accumulative Cost: \$141,635.00

6-7-10 Shut well in w/1,250 psi on tbg on the 4th, tbg on a vacuum today. Rig down DD-11.
Daily Cost: \$1,250.00
Est. Accumulative Cost: \$142,885.00