

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

FORM APPROVED
OMB NO. 1004-0137
Expires: March 31, 2007

1a. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other		5. Lease Serial No. NM-88084							
b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other _____		6. If Indian, Allottee or Tribe Name							
2. Name of Operator McKay Oil Corporation		7. Unit or CA Agreement Name and No.							
3. Address P. O. Box 2014, Roswell, NM 88202-2014		8. Lease Name and Well No. SAMANTHA B FEDERAL #1							
3a. Phone No. (include area code) 505-623-4735		9. AFI Well No. 30-005-63764 0051							
4. Location of Well (Report location clearly and in accordance with Federal requirements) At surface 660' FSL, 2080' FEL At top prod. interval reported below At total depth 3576'		10. Field and Pool, or Exploratory 82740							
11. Date Spudded 12/01/2005		12. County or Parish CHAVES							
15. Date T.D. Reached 12/19/2005		13. State NM							
16. Date Completed 01/04/2006 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod		17. Elevations (DF, RKB, RT, GL)* 4211'							
18. Total Depth: MD TVD 3576'		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) Cement, CNL (Mailed directly to Schlumberger)							
22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input type="checkbox"/> No <input checked="" type="checkbox"/> Yes (Submit copy)									
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
12 1/4"	8 5/8"	24#		1063'		450sks 35-65			
						200sks KCL			
7 7/8"	4 1/2"	10.5#		3116'		113sks Cls C			
						113sks 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)	
N/A									
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) Abo	2888'	2906'	2888-2906		18	open			
B)									
C)									
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
ZONE A 2888-2906		Acidize w/1000gal 10% HCL							
		Frac w/1,000gal 70QC02.							
		181.140lbs 16/30 brown sand; 6.180 16/30 Resin Coated Sand							
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
01/04/2006	01/19/2006	4	→	0	32	0	N/A		Flowing
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
16/64	0	900	→	0	192	0	N/A	Producing	
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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio		
			→						

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

DAVID R. GLASS
PETROLEUM ENGINEER

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	Tbg. 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	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

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

30. Summary of Porous Zones (Include Aquifers):

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.

31. Formation (Log) Markers

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top Meas. Depth
Yaso	934'				
Tubb	2430'				
Abo	2643'				

32. Additional remarks (include plugging procedure):

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)

Carol Shanks

Title

Production Analyst

Signature

Carol Shanks

Date

02/03/2006

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.

McKay Drilling Corporation

Roy L. McKay, President

Mailing Address: P.O. Box 2014 Roswell, NM 88202 * Telephone 505 / 623 - 4735

Street Address: One McKay Place Roswell, NM 88201 * Fax No. 505 / 624 - 2202

OIL
&
GAS

January 27, 2006

Bureau of Land Management
Attn: Larry Bray
2909 W. Second Street
Roswell, NM 88201-2019

RE: Samantha B Federal #1
660' FSL, 2080' FEL, Unit , SEC 31, T5S, R22E
Chaves County, New Mexico

Spud 12/1/05

DEVIATION SURVEY

1/2 °	@	500'
1/2 °	@	1015'
1/2 °	@	1454'
3/4 °	@	2011'
3/4 °	@	2507'
3/4 °	@	3065'
3/4 °	@	3469'

TD 3576'

Released Date 12/22/05

Sincerely,

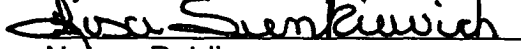


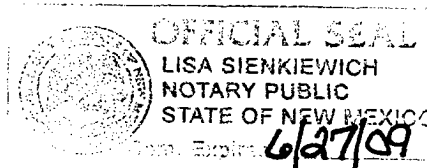
Carol Shanks
Production Analyst

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing instrument was Acknowledged before me this 27 day of January, 2006, by the person known to me to be Carol Shanks.

My Commission Expires: June 27, 2009


Notary Public



LEASES

PRODUCTION

INVESTMENTS