

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

19202122
OCD-ARTESIA

SUBMIT A DUPLICATE

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. TYPE OF WELL: OIL WELL ☐ GAS WELL ☒ DRY ☐ Other ☐

b. TYPE OF COMPLETION:

NEW WELL ☒ WORK OVER ☐ DEEP-EN ☐ PLUG BACK ☐ DIFF. REMOV. ☐ Other ☐

2. NAME OF OPERATOR

Gruy Petroleum Management Co.

3. ADDRESS AND TELEPHONE NO.

P O Box 140907 Irving Tx. 75014-0907

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 1980' FNL & 1260' FWL

At top prod. interval reported below 1980' FNL & 1260' FWL

At total depth 1980' FNL & 1260' FWL

ACCEPTED FOR RECORD

AUG 23 2006

ALEXIS C. SWOBODA
PETROLEUM ENGINEER

14. PERMIT NO.

DATE ISSUED

5. LEASE DESIGNATION AND SERIAL NO.

NM-30395

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME, WELL NO.

Crow Flats 7 Federal No. 1

9. API WELL NO.

30-015-34675

10. FIELD AND POOL, OR WILDCAT

Diamond Mound; Atoka Wildcat

11. SEC. T., R., M., OR BLOCK AND SURVEY OR AREA

2-7-16S-28E

12. COUNTY OR PARISH
Eddy

13. STATE
NM

15. DATE SPUDDED

03-24-06

16. DATE T.D. REACHED

04-17-06

17. DATE COMPL. (Ready to prod.)

07-08-06

18. ELEVATIONS (DF, RKB, RT, OR, ETC.)*

3610' GR

19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD

9350'

21. PLUG, BACK T.D., MD & TVD

9264'

22. IF MULTIPLE COMPL., HOW MANY*

23. INTERVALS DRILLED BY

ROTARY TOOLS

CABLE TOOLS

All

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

8810' - 8864' Diamond Mound; Atoka Wildcat

25. WAS DIRECTIONAL SURVEY MADE

Yes

26. TYPE ELECTRIC AND OTHER LOGS RUN

Dual Spaced Neutron, DLL Microguard, Cement Bond Log

27. WAS WELL CORED

No

28. CASING RECORD (Report all strings set in well)

CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	TOP OF CEMENT, CEMENTING RECORD	AMOUNT PULLED
13-3/8" H-40	48 #	430'	17-1/2"	535 sx, 1" w/ 85 sx circ 25 sx	
9-5/8" J-55	40 #	1808'	12-1/4"	600 sx circ 116 sx	
5-1/2" P-110	17#	9350'	8-3/4"	1375 sx TOC 1320'	

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	8780'	8780'

31. PERFORATION RECORD (Interval, size and number)

8982' - 8984' 6 SPF 18 holes

8998' - 9024' 2 SPF 54 holes

9058' - 9068' 6 SPF 66 holes

8810' - 8864' 6 SPF 156 holes RBP @ 8950' w/ 7' sand

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
8992' - 9068'	100155 gal foam 70-61Q 35# water CMHPG & 86845# Versaprop

33. PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
07-13-06	Flowing w/ compression	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
07-23-06	24	64/64		10	613	0	61300

FLOW, TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
150	460					

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

Sold

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

Electric logs and Inclination Summary

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

Natalie Krueger

TITLE Reg Analyst 1

DATE 08-11-06

*(See Instructions and Spaces for Additional Data on Reverse Side)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

FOR APPROVED
OMB NO. 1004-0137
Expires: December 31, 1991

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> DRY <input type="checkbox"/> Other _____		5. LEASE DESIGNATION AND SERIAL NO. NM-30395	
b. TYPE OF COMPLETION: NEW WELL <input checked="" type="checkbox"/> WORK OVER <input type="checkbox"/> DEEP-EN <input type="checkbox"/> PLUG BACK <input type="checkbox"/> DIFF. REPAIR <input type="checkbox"/> Other _____		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
2. NAME OF OPERATOR Gruy Petroleum Management Co.		7. UNIT AGREEMENT NAME	
3. ADDRESS AND TELEPHONE NO. P O Box 140907 Irving Tx. 75014-0907		8. FARM OR LEASE NAME, WELL NO. Crow Flats 7 Federal No. 1	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 1980' FNL & 1260' FWL At top prod. interval reported below 1980' FNL & 1260' FWL At total depth 1980' FNL & 1260' FWL		9. API WELL NO. 30-015-34675 SI	
14. PERMIT NO. _____ DATE ISSUED _____		10. FIELD AND POOL, OR WILDCAT Diamond Mound; Morrow	
15. DATE SPUDDED 03-24-06		11. SEC. T. R. M., OR BLOCK AND SURVEY OR AREA 2-7-16S-28E	
16. DATE T.D. REACHED 04-17-06		12. COUNTY OR PARISH Eddy	
17. DATE COMPL. (Ready to prod.) 07-08-06		13. STATE NM	
18. ELEVATIONS (DP, RKB, RT, GR, ETC.)* 3610' GR		19. ELEV. CASINGHEAD	
20. TOTAL DEPTH, MD & TVD 9350'		21. PLUG, BACK T.D., MD & TVD 9264'	
22. IF MULTIPLE COMPL., HOW MANY*		23. INTERVALS DRILLED BY All	
24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 8982' - 9068' Diamond Mound; Morrow Zone is currently behind RBP...will either surface commingle or downhole commingle depending on pressure		25. WAS DIRECTIONAL SURVEY MADE Yes	
26. TYPE ELECTRIC AND OTHER LOGS RUN Dual Spaced Neutron, DLL Microguard, Cement Bond Log		27. WAS WELL CORED No	
28. CASING RECORD (Report all strings set in well)			
CASING SIZE/GRADE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE
13-3/8" H-40	48 #	430'	17-1/2"
9-5/8" J-55	40 #	1808'	12-1/4"
5-1/2" P-110	17#	9350'	8-3/4"
29. LINER RECORD			
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*
30. TUBING RECORD			
SIZE	DEPTH SET (MD)	PACKER SET (MD)	
2-3/8"	8960'	8960'	
31. PERFORATION RECORD (Interval, size and number)			
8982' - 8984' 6 SPF 18 holes			
8998' - 9024' 2 SPF 54 holes			
9058' - 9068' 6 SPF 66 holes			
8810' - 8864' 6 SPF 156 holes RBP @ 8950' w/ 7' sand			
32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.			
DEPTH INTERVAL (MD)		AMOUNT AND KIND OF MATERIAL USED	
8992' - 9068'		100155 gal foam 70-61Q 35# water CMHPG & 86845# Versaprop	
33. PRODUCTION			
DATE FIRST PRODUCTION N/A		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	
DATE OF TEST N/A		WELL STATUS (Producing or shut-in) Shut in	
HOURS TESTED		CHOKE SIZE	
PROD'N. FOR TEST PERIOD		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
GAS-OIL RATIO			
FLOW, TUBING PRESS.		CASING PRESSURE	
CALCULATED 24-HOUR RATE		OIL—BBL.	
GAS—MCF.		WATER—BBL.	
OIL GRAVITY-API (CORR.)			
34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)			
TEST WITNESSED BY			
35. LIST OF ATTACHMENTS			
Electric logs and Inclination Summary			
36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records			
SIGNED <u>Natalie Kruger</u>		TITLE Reg Analyst I	
DATE 08-11-06			

*(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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.

37. SUMMARY OF POROUS ZONES: (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);				38. GEOLOGIC MARKERS		
FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Queen	954'					
Grayburg	1372'					
San Andres	1660'					
Glorieta	3235'					
Tubb	4460'					
Abo	5185'					
Wolfcamp	6435'					
Strawn	8528'					
Atoka Clastics	8800'					
Morrow Clastics	8966'					
Mississippian	9085'					
Unconformity						