

Ryan Energy Technologies

Survey Report



Company: BURNETT OIL COMPANY	Date: 11/14/2006	Time: 11:35:43	Page: 1
Field: Eddy County, NM	Co-ordinate(NE) Reference: Well: Well A-28H, Grid North		
Site: Gissler A-28H	Vertical (TVD) Reference: SITE 0.0		
Well: Well A-28H	Section (VS) Reference: Well (0.00N,0.00E,185.19Azi)		
Wellpath: Original Hole	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Field: Eddy County, NM Cedar Lake, Yeso USA Map System: US State Plane Coordinate System 1927 Geo Datum: NAD27 (Clarke 1866) Sys Datum: Mean Sea Level	Map Zone: New Mexico, Eastern Zone Coordinate System: Well Centre Geomagnetic Model: igrf2005
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Site: Gissler A-28H Section 14 T17S R30E Eddy County, NM Site Position: From: Map Position Uncertainty: 0.00 ft Ground Level: 3680.00 ft	Northing: 665832.30 ft Easting: 620849.20 ft Latitude: 32 49 47.428 N Longitude: 103 56 23.666 W North Reference: Grid Grid Convergence: 0.21 deg
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Well: Well A-28H Well Position: +N/-S 0.00 ft +E/-W 0.00 ft Position Uncertainty: 0.00 ft	Slot Name: Northing: 665832.30 ft Easting: 620849.20 ft Latitude: 32 49 47.428 N Longitude: 103 56 23.666 W
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Wellpath: Original Hole Current Datum: SITE Magnetic Data: 11/9/2006 Field Strength: 49446 nT Vertical Section: Depth From (TVD) ft	Height 0.00 ft +N/-S ft	Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.34 deg Mag Dip Angle: 60.80 deg +E/-W ft Direction deg
0.00	0.00	0.00 185.19

Survey Program for Definitive Wellpath			Version: 11	
Date: 11/14/2006	Validated: No	Toolcode	Tool Name	
Actual From ft	To ft			

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
4415.00	0.50	133.18	4414.68	-25.40	17.48	23.71	0.00	30.83	145.46	MWD
4478.00	0.70	173.30	4477.67	-25.97	17.73	24.26	0.72	31.44	145.68	MWD
4508.00	6.40	175.00	4507.60	-27.82	17.89	26.08	19.00	33.07	147.25	MWD
4539.00	14.00	175.70	4538.09	-33.29	18.33	31.49	24.52	38.00	151.17	MWD
4570.00	21.40	177.40	4567.60	-42.69	18.86	40.80	23.93	46.67	156.16	MWD
4601.00	29.00	175.80	4595.63	-55.85	19.67	53.84	24.61	59.21	160.60	MWD
4633.00	36.60	175.60	4622.51	-73.12	20.97	70.93	23.75	76.07	164.00	MWD
4664.00	43.90	179.60	4646.16	-93.12	21.76	90.76	24.97	95.62	166.85	MWD
4695.00	51.30	182.10	4667.05	-115.99	21.39	113.57	24.60	117.94	169.55	MWD
4726.00	58.10	185.20	4684.96	-141.21	19.75	138.85	23.40	142.59	172.04	MWD
4780.00	70.90	188.30	4708.16	-189.50	13.97	187.46	24.26	190.01	175.78	MWD
4811.00	74.00	189.00	4717.51	-218.71	9.52	216.96	10.23	218.92	177.51	MWD
4842.00	77.40	189.50	4725.16	-248.36	4.69	246.91	11.08	248.40	178.92	MWD
4873.00	78.60	190.00	4731.61	-278.24	-0.44	277.14	4.18	278.24	180.09	MWD
4904.00	80.70	190.20	4737.18	-308.26	-5.79	307.52	6.80	308.32	181.08	MWD
4936.00	82.10	191.10	4741.96	-339.36	-11.64	339.02	5.18	339.56	181.96	MWD
4967.00	83.80	190.20	4745.77	-369.59	-17.32	369.64	6.19	370.00	182.68	MWD
4998.00	85.00	189.80	4748.79	-399.98	-22.68	400.39	4.08	400.62	183.25	MWD
5029.00	86.60	189.50	4751.06	-430.45	-27.86	431.21	5.25	431.35	183.70	MWD
5060.00	87.50	188.60	4752.66	-461.03	-32.73	462.10	4.10	462.19	184.06	MWD
5091.00	87.50	188.30	4754.01	-491.66	-37.28	493.02	0.97	493.07	184.34	MWD
5122.00	87.50	188.60	4755.36	-522.30	-41.84	523.94	0.97	523.97	184.58	MWD
5153.00	89.30	187.90	4756.23	-552.96	-46.28	554.88	6.23	554.89	184.78	MWD

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Survey Calculation Method: Minimum Curvature **Db:** Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	N/S ft	E/W ft	VS ft	DLS deg/100ft	ClsDist ft	ClsAzi deg	Comment
5185.00	89.70	187.50	4756.51	-584.67	-50.57	586.85	1.77	586.85	184.94	MWD
5215.00	89.60	187.50	4756.69	-614.41	-54.49	616.82	0.33	616.82	185.07	MWD
5247.00	89.80	187.50	4756.86	-646.14	-58.66	648.80	0.62	648.80	185.19	MWD
5309.00	89.70	187.60	4757.13	-707.60	-66.81	710.74	0.23	710.75	185.39	MWD
5372.00	89.50	187.40	4757.57	-770.06	-75.03	773.69	0.45	773.71	185.57	MWD
5434.00	89.50	187.40	4758.11	-831.54	-83.02	835.64	0.00	835.68	185.70	MWD
5495.00	89.70	187.20	4758.53	-892.05	-90.77	896.60	0.46	896.65	185.81	MWD
5558.00	89.90	185.90	4758.75	-954.63	-97.95	959.58	2.09	959.65	185.86	MWD
5620.00	90.10	185.80	4758.75	-1016.31	-104.27	1021.58	0.36	1021.65	185.86	MWD
5682.00	88.10	185.90	4759.73	-1077.98	-110.59	1083.56	3.23	1083.63	185.86	MWD
5713.00	88.10	185.80	4760.76	-1108.80	-113.75	1114.54	0.32	1114.62	185.86	MWD
5744.00	88.20	185.80	4761.76	-1139.62	-116.88	1145.52	0.32	1145.60	185.86	MWD
5836.00	88.60	186.00	4764.33	-1231.10	-126.33	1237.48	0.49	1237.57	185.86	MWD
5929.00	88.50	186.20	4766.68	-1323.54	-136.21	1330.44	0.24	1330.53	185.88	MWD
6589.00	88.50	186.00	4783.96	-1979.58	-206.32	1990.13	0.03	1990.30	185.95	MWD

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires July 31, 1996

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

BURNETT OIL CO., INC.

3a. Address

801 CHERRY STREET, SUITE 1500
UNIT #9 FORT WORTH, TEXAS, 76102

3b. Phone No. (include area code)

(817) 332-5108

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SURFACE- UNIT O, 990' FSL, 1980' FEL, SEC 14, T17S, R30E

BTM HOLE- UNIT B, 990' FNL, 2160' FEL SEC 23, T17S, R30E

5. Lease Serial No.

NMLC029338A

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

GISSLER A #28H

9. API Well No.

30-015-34909 S1

10. Field and Pool, or Exploratory Area

LOCO HILLS PADDOCK

11. County or Parish, State

Eddy County, N.M.

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
☐ Notice of Intent	☐ Acidize	☐ Deepen	☒ Production (Start/Resume)	☐ Water Shut-Off
☒ Subsequent Report	☐ Alter Casing	☐ Fracture Treat	☐ Reclamation	☐ Well Integrity
☐ Final Abandonment Notice	☐ Casing Repair	☐ New Construction	☐ Recomplete	☒ Other <u>NEW WELL</u>
	☐ Change Plans	☐ Plug and Abandon	☐ Temporarily Abandon	
	☐ Convert to Injection	☐ Plug Back	☐ Water Disposal	

13. Describe Proposed or Completed Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

12/04/06 MIRU completion unit, tag DVT, drill out cement & test BOP and casing to 1000 PSI for 15 mins- held ok. Drill out cement to 6513'. 12/05/2006 Perforate @ 6502'-6500', 6011'-6009', 5751'-5749', 5489'-5487', 5259'-5257', 4998'-4996', 4736'-4734' w/hydraulic tbq convey gun. 12/06/2006 Run gun @ perf. 6251'- 6249'. ND BOP, NU frac valve. 12/08/06 Do hot acid frac w/total 199,777 gals WFG-R33, 151,496 gals hot 20% Hcl over all the above perforations. 12/9-19/2006 Run Sub pump (@ 4310') Run 135 jts 4259' 2-7/8" tbq and tie in well to the existing Gissler A2 lease tank battery in Section 14, T17S, R30E and turn to producing status. First production to the battery on 12/19/2006.

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

Mark A. Jacoby

Signature

Mark A. Jacoby

Title

Engineering Manager

Date

1/04/2007

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

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.

(Instructions on reverse)