

December 19, 2013

New Mexico Energy, Minerals and Natural Resources Department
Attn: Oil Conservation Division
1220 South St. Francis Drive
Santa Fe, NM 87505

~~Attn: Jackie Lathan~~

Re: Burnett Oil Company, Inc.
Jackson A #49
Cedar Lake Glorieta Yeso
Eddy County, New Mexico
API# 30-015-41799

Enclosed please find the original and one (1) copy of the revised survey performed on the reference well by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.. Other information that may be required by your office is as follows:

<u>Name & Title</u>	<u>Drainhole No.</u>	<u>Survey Depths</u>	<u>Dates Performed</u>	<u>Type Survey</u>
Brock Childress	Original Hole	515 ft. to 6,039 ft.	12-04-13 to 12-12-13	MWD Survey

A certified plat on which the bottom-hole location is oriented to both surface location and to the lease lines (or unit lines in case of pooling) is attached to the survey report. If any other information is required, please contact the undersigned at the letterhead address and phone number.


Todd Estes

Enclosures

CC: Burnett Oil Company, Inc.
Attn: Leslie Garvis
801 Cherry Street Unit 9
Fort Worth, Texas 76102-6881

NMEMaNRD\Burnett Oil Company\Jackson A #49\C134181

STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.
P.O. Box 1250
Montgomery, TX 77356
Office (936) 582-7296 * Fax (936)-588-4163



December 19, 2013

Survey Certification Report

STATE OF TEXAS

COUNTY OF Montgomery

I, Todd Estes, certify that I am employed by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C., and that I did on the day(s) of December 04, 2013 thru December 12, 2013, conduct or supervise the taking of a SEDS MWD Survey from a depth of 515 feet to 6,039 feet; that I am authorized and qualified to make this report; that this survey was conducted at the request of Burnett Oil Company, Inc., for the Jackson A # 49 well, API # **30-015-41799** in Eddy County, New Mexico; and that I have reviewed this report and find that it conforms to the principles as set forth by STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

Todd Estes

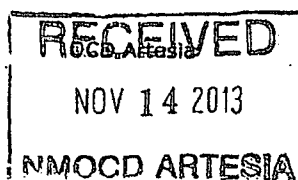
STRYKER ENERGY DIRECTIONAL SERVICES, L.L.C.

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P.O. Box 1250

Montgomery, TX 77356

Office (936) 582-7296 * Fax (936)-588-4163



FORM APPROVED
OMB No. 1004-0137
Expires October 31, 2014

705
11/14/2013

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

1a. Type of work: ☒ DRILL ☐ REENTER		5. Lease Serial No. NMLC029339A
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☒ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator Burnett Oil Co., Inc.		7. If Unit or CA Agreement, Name and No.
3a. Address 801 Cherry Street, Suite 1500 Fort Worth, Texas 76102		8. Lease Name and Well No. Jackson A 49
3b. Phone No. (include area code) 817-332-5108 x6326		9. API Well No. 30-015-41799
4. Location of Well (Report location clearly and in accordance with any State requirements.) At surface 330' FNL & 550' FEL, Unit A At proposed prod. zone 330' FNL & 330' FEL, Unit A		10. Field and Pool, or Exploratory Cedar Lake Glorieta Yeso
11. Sec., T. R. M. or Blk. and Survey or Area Section 24, T. 17S, R. 30E		12. County or Parish Eddy
13. State NM		
14. Distance in miles and direction from nearest town or post office* Approximately 2 Miles North of Loco Hills, NM	15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) 550'	16. No. of acres in lease 560
17. Spacing Unit dedicated to this well 40	18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. 150'	19. Proposed Depth 6100' TVD 6108.03' MD
20. BLM/BIA Bond No. on file NM-B000197 & NM-B000699	21. Elevations (Show whether DF, KDB, RT, GL, etc.) 3751' GL	22. Approximate date work will start* 11/01/2013
23. Estimated duration 30 days	24. Attachments	

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No. 1, must be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification
- Such other site specific information and/or plans as may be required by the BLM.

25. Signature <i>Leslie M. Garvis</i>	Name (Printed/Typed) Leslie M. Garvis	Date 10/03/2013
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Title
Regulatory Coordinator

Approved by (Signature) <i>/s/ STEPHEN J. CAFFEY</i>	Name (Printed/Typed) STEPHEN J. CAFFEY	Date NOV 13 2013
Title FIELD MANAGER	Office CARLSBAD FIELD OFFICE	

Application approval 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.

Conditions of approval, if any, are attached.

APPROVAL FOR TWO YEARS

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 2)

*(Instructions on page 2)

Roswell Controlled Water Basin

Approval Subject to General Requirements
& Special Stipulations Attached

SEE ATTACHED FOR
CONDITIONS OF APPROVAL



Job Number: C134181
 Company: Burnett Oil Company, Inc.
 Lease/Well: Jackson A # 49
 Location: Eddy County
 Rig Name: United # 29
 RKB: N/A
 G.L. or M.S.L.: N/A

State/Country: New Mexico / USA
 Declination: 7.29° Corrected to Grid
 Grid: 7.29°
 File name: C:\WINSERVE\DOCS\C134181.SVY
 Date/Time: 19-Dec-13 / 09:44
 Curve Name: SES MWD SURVEY

Stryker Energy Directional Services, LLC.

WINSERVE SURVEY CALCULATIONS
 Minimum Curvature Method
 Vertical Section Plane 99.59
 Vertical Section Referenced to Wellhead
 Rectangular Coordinates Referenced to Wellhead

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	CLOSURE Distance FT	Direction Deg	Dogleg Severity Deg/100
515.00	.00	.00	515.00	.00	.00	.00	.00	.00	.00
775.00	.90	137.40	774.99	-1.50	1.38	1.61	2.04	137.40	.35
1029.00	.70	81.60	1028.97	-2.74	4.27	4.67	5.07	122.75	.30
1282.00	2.60	60.00	1281.85	.35	10.77	10.56	10.77	88.14	.78
1535.00	2.20	77.40	1534.63	4.28	20.48	19.48	20.92	78.20	.33
1788.00	1.50	73.90	1787.50	6.26	28.40	26.96	29.08	77.57	.28
2041.00	1.00	96.50	2040.44	6.93	33.77	32.15	34.47	78.41	.27
2295.00	1.00	94.10	2294.40	6.52	38.18	36.57	38.74	80.32	.02
2554.00	.40	96.20	2553.38	6.26	41.34	39.72	41.81	81.39	.23
2807.00	.60	35.50	2806.37	7.24	42.98	41.18	43.59	80.44	.21
2933.00	.20	78.20	2932.37	7.82	43.58	41.67	44.28	79.83	.38
3037.00	2.90	124.90	3036.32	6.35	45.92	44.22	46.36	82.12	2.66
3132.00	3.80	115.90	3131.16	3.60	50.72	49.41	50.85	85.94	1.09
3227.00	3.70	120.40	3225.96	.68	56.20	55.30	56.20	89.31	.33
3322.00	3.80	113.20	3320.76	-2.11	61.73	61.22	61.77	91.96	.51
3424.00	3.50	99.40	3422.55	-3.95	67.91	67.62	68.03	93.33	.91
3519.00	3.00	85.40	3517.40	-4.23	73.25	72.93	73.37	93.30	.98
3614.00	3.50	112.20	3612.25	-5.13	78.42	78.17	78.58	93.74	1.67
3709.00	3.60	111.50	3707.07	-7.31	83.88	83.92	84.19	94.98	.11
3804.00	2.20	101.80	3801.95	-8.78	88.44	88.66	88.87	95.67	1.56
3899.00	2.70	106.50	3896.86	-9.79	92.37	92.71	92.88	96.05	.57
3994.00	3.60	104.50	3991.71	-11.17	97.40	97.90	98.04	96.54	.95
4089.00	2.70	103.70	4086.57	-12.45	102.46	103.10	103.21	96.93	.95
4183.00	2.70	96.20	4180.47	-13.21	106.81	107.52	107.63	97.05	.38
4303.00	2.60	107.60	4300.34	-14.34	112.22	113.04	113.13	97.28	.45

Measured Depth FT	Incl Angle Deg	Drift Direction Deg	True Vertical Depth	N-S FT	E-W FT	Vertical Section FT	C L O S U R E		Dogleg Severity Deg/100
							Distance FT	Direction Deg	
4398.00	3.10	106.10	4395.22	-15.70	116.74	117.72	117.79	97.66	.53
4492.00	3.30	105.50	4489.07	-17.13	121.79	122.94	122.99	98.01	.22
4587.00	2.90	90.10	4583.94	-17.87	126.83	128.03	128.08	98.02	.97
4682.00	2.70	103.80	4678.82	-18.40	131.40	132.63	132.68	97.97	.73
4784.00	3.10	112.60	4780.69	-20.04	136.28	137.71	137.75	98.36	.59
4879.00	3.00	105.70	4875.56	-21.70	141.05	142.69	142.70	98.75	.40
4974.00	3.20	93.50	4970.42	-22.53	146.09	147.80	147.81	98.77	.72
5069.00	2.90	98.60	5065.29	-23.05	151.11	152.84	152.86	98.67	.43
5164.00	3.10	110.00	5160.16	-24.29	155.90	157.77	157.78	98.86	.66
5258.00	3.40	96.30	5254.01	-25.47	161.06	163.05	163.06	98.98	.88
5353.00	3.00	89.60	5348.86	-25.76	166.34	168.31	168.33	98.80	.58
5448.00	2.90	103.80	5443.73	-26.31	171.16	173.16	173.17	98.74	.77
5543.00	3.00	100.90	5538.61	-27.36	175.94	178.04	178.05	98.84	.19
5638.00	2.50	82.20	5633.50	-27.55	180.43	182.50	182.52	98.68	1.07
5733.00	2.70	106.30	5728.41	-27.89	184.63	186.70	186.73	98.59	1.16
5827.00	3.30	100.60	5822.28	-29.01	189.42	191.60	191.63	98.71	.71
5922.00	3.40	104.40	5917.11	-30.21	194.83	197.14	197.16	98.82	.26
6017.00	3.90	119.20	6011.92	-32.49	200.38	202.99	203.00	99.21	1.12
6039.00	3.60	119.90	6033.88	-33.20	201.63	204.35	204.35	99.35	1.38
Projection to Bit									
6085.00	3.60	119.90	6079.79	-34.64	204.14	207.06	207.06	99.63	.00

DISTRICT I
1625 N. French Dr., Hobbs, NM 88240
Phone (505) 339-6161 Fax (505) 339-6728

DISTRICT II
811 S. First St., Artesia, NM 88210
Phone (505) 748-1283 Fax (505) 748-6728

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410
Phone (505) 334-6128 Fax (505) 334-8770

DISTRICT IV
1229 S. St. Francis Dr., Santa Fe, NM 87505
Phone (505) 436-4300 Fax (505) 470-3422

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised August 1, 2011
Submit one copy to appropriate
District Office

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, New Mexico 87505

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
Property Code	Property Name JACKSON A	Well Number 49
OGRID No.	Operator Name BURNETT OIL COMPANY, INC.	Elevation 3751'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	17 S	30 E		330	NORTH	550	EAST	EDDY

Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	24	17 S	30 E		330	NORTH	330	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
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**NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION**

W35424.4 E62426.7 NAD27	SURFACE LOCATION Lat - N 32.826192186 Long - W 103.918092022 NMSPC- N 664530.4 E 627555.5 (NAD-27)	3739.0' 3751.5' 330' 530' 3745.3' 3741.1' NMSPC- N 664530.4 E 627775.4 (NAD-27)	OPERATOR CERTIFICATION I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief, and that this organization either owns a working interest or unleased mineral interest in the land including the proposed bottom hole location or has a right to drill this well at this location pursuant to a contract with an owner of such a mineral or working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division. Signature _____ Date _____ Printed Name _____ Email Address _____
	Bottom Hole Location Stryker Energy Services, Inc. Original Hole- MWD Survey @6039' MD, 204.35' Displacement 99.35 degrees Azimuth API: 30-015-41799	BOTTOM HOLE LOCATION Lat - N 32.826182703 Long - W 103.917392834 NMSPC- N 664530.9 E 627775.4 (NAD-27)	
SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my belief. GARY L. JONES JULY 15 2013 NEW MEXICO Professional Surveyor 7977			CERTIFICATE No. Gary L. Jones 7977 BASIN SURVEYS 29015