

DISTRICT I
1625 N. French Dr., Hobbs, N.M. 88240
Phone: (575) 393-6161 Fax: (575) 393-0720

DISTRICT II
611 S. First St., Artesia, N.M. 88210
Phone: (575) 748-1283 Fax: (575) 748-9720

DISTRICT III
1000 Rio Brazos Rd., Aztec, N.M. 87410
Phone: (505) 334-6178 Fax: (505) 334-6170

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505
Phone: (505) 476-3460 Fax: (505) 476-3462

State of New Mexico
Energy, Minerals & 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, NM 87505

☒ AS-DRILLED
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-039-30606	² Pool Code 71629	³ Pool Name BASIN FRIUTLAND COAL
⁴ Property Code 314446	⁵ Property Name CARRACAS 18B	⁶ Well Number 3-1ST
⁷ GRID No. 370292	⁸ Operator Name SOUTHLAND ROYALTY CO., LLC	⁹ Elevation 7426'

¹⁰ Surface Location **DISTRICT III**

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
M	18	32N	4W	4	755'	SOUTH	965'	WEST	RIO ARRIBA

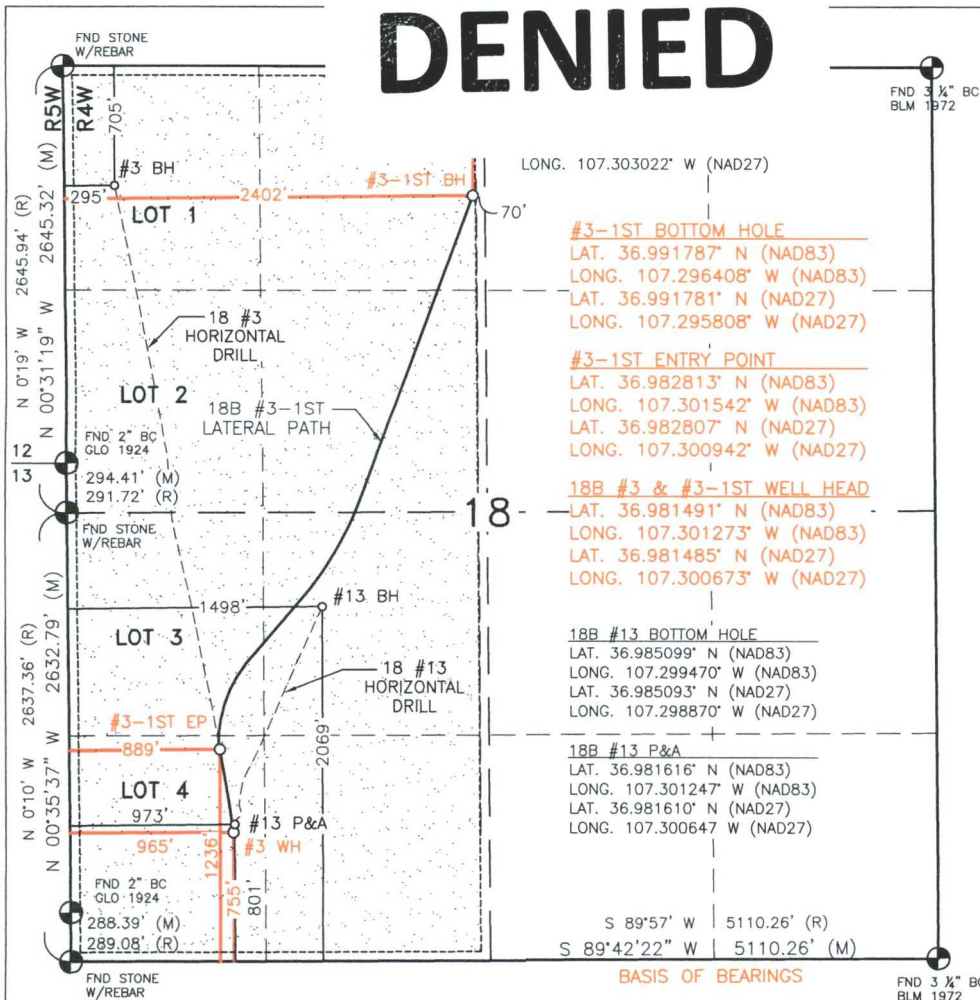
¹¹ Bottom Hole Location If Different From Surface

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	32N	4W		759'	NORTH	2402'	WEST	RIO ARRIBA

¹² Dedicated Acres W/2 SEC. 18 299.72 ACRES	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ Order No. R-13119
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED
APPROVED BY THE DIVISION

DENIED



17 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.

Connie Blaylock 9/25/18
Signature Date

Connie Blaylock
Printed Name

cblaylock@mspartners.com
E-mail Address

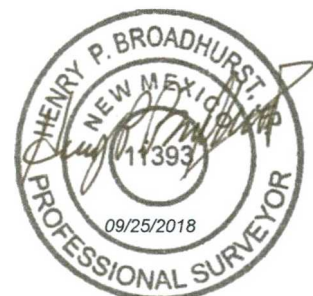
SURVEYOR CERTIFICATION

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.

SEPTEMBER 25, 2018

Date of Survey

Signature and Seal of Professional Surveyor:



Certificate Number

11393

NMOCD

SEP 26 2018

DISTRICT III

Customer Name: Southland Royalty
Survey Name: Carracas 18B 3-1 ST
Well Name: CARRACAS 18B 3-1 ST
Site Name: Carracas 18B 3-1 PAD
Rig Number: AZTEC DRILLING 507
Survey Date: 9/13/2018
Latitude: 36.9814850°N
Longitude: 107.3006730°W
North Reference: True North
Grid Correction: None
Depth Reference: RKB (11.00 ft)
Calculation Method: Minimum Curvature
Vertical Section Reference: 0.00N (ft), 0.00E (ft), 9.60Azim (deg)
Definitive Survey: Carracas 18B 3-1 ST
SDI Operators: DYLAN OSBORNE, Dylan Osborne, Mike Willms
Well Notes:

Measured Depth ft	Inclination deg	Azimuth deg	True Vertical ft	Vertical Section ft	+N/-S ft	+E/-W ft	Dogleg Severity %/100ft
4162.00	57.03	349.34	3993.23	460.61	480.88	-81.17	Invalid
4242.00	62.32	359.48	4033.68	527.14	549.46	-87.72	12.77
4274.00	63.05	5.89	4048.38	555.34	577.84	-86.38	17.96
4306.00	64.06	8.23	4062.64	583.96	606.27	-82.86	7.26
4337.00	65.97	9.90	4075.73	612.06	634.02	-78.43	7.87
4369.00	67.91	10.72	4088.26	641.50	662.98	-73.15	6.50
4401.00	69.59	12.19	4099.86	671.30	692.21	-67.23	6.78
4432.00	72.44	15.46	4109.94	700.53	720.67	-60.22	13.56
4464.00	75.15	18.62	4118.87	730.99	750.04	-51.21	12.72
4495.00	77.39	21.92	4126.23	760.58	778.28	-40.78	12.59
4527.00	79.69	24.96	4132.59	791.02	807.05	-28.30	11.78
4559.00	81.75	27.36	4137.75	821.29	835.39	-14.38	9.82
4591.00	83.07	28.15	4141.98	851.43	863.46	0.40	4.79
4622.00	83.78	30.25	4145.53	880.44	890.34	15.42	7.10
4653.00	85.56	31.97	4148.41	909.15	916.76	31.37	7.97
4685.00	87.95	35.04	4150.21	938.35	943.39	49.00	12.15
4716.00	89.16	36.11	4150.99	966.21	968.60	67.03	5.20
4747.00	89.77	38.55	4151.28	993.65	993.24	85.83	8.09
4779.00	90.47	39.61	4151.22	1021.51	1018.09	106.00	3.98
4847.00	88.52	39.02	4151.82	1080.56	1070.69	149.08	2.99
4879.00	88.12	39.00	4152.75	1108.42	1095.54	169.22	1.26
4911.00	88.79	39.77	4153.61	1136.18	1120.27	189.51	3.18
4942.00	87.68	40.73	4154.57	1162.84	1143.91	209.53	4.73
4974.00	87.48	40.49	4155.92	1190.24	1168.18	230.35	0.96
5005.00	87.95	40.90	4157.15	1216.76	1191.67	250.54	2.00
5037.00	88.09	40.79	4158.26	1244.11	1215.86	271.46	0.55
5068.00	88.05	40.74	4159.30	1270.62	1239.33	291.69	0.18
5100.00	87.92	40.82	4160.43	1297.98	1263.54	312.58	0.48
5131.00	89.33	41.01	4161.17	1324.45	1286.96	332.88	4.58
5163.00	89.77	41.01	4161.43	1351.76	1311.11	353.88	1.36
5194.00	89.97	40.47	4161.50	1378.29	1334.59	374.11	1.88
5226.00	90.40	40.86	4161.39	1405.70	1358.87	394.96	1.83
5257.00	90.61	39.77	4161.12	1432.36	1382.50	415.01	3.57
5289.00	90.17	38.46	4160.91	1460.20	1407.33	435.20	4.32
5320.00	89.70	37.09	4160.94	1487.53	1431.83	454.19	4.65
5352.00	89.66	36.11	4161.12	1516.04	1457.52	473.27	3.08

5383.00	89.60	35.93	4161.32	1543.80	1482.60	491.50	0.62
5415.00	90.00	35.16	4161.43	1572.58	1508.64	510.10	2.71
5446.00	89.80	35.00	4161.49	1600.56	1534.00	527.91	0.82
5478.00	89.83	33.64	4161.59	1629.63	1560.43	545.95	4.26
5510.00	90.27	31.50	4161.56	1659.09	1587.40	563.18	6.82
5542.00	90.67	30.51	4161.30	1688.88	1614.82	579.66	3.33
5573.00	90.67	28.67	4160.94	1718.01	1641.78	594.97	5.94
5604.00	90.60	27.63	4160.59	1747.40	1669.11	609.59	3.37
5636.00	89.53	27.03	4160.55	1777.88	1697.54	624.29	3.84
5668.00	89.83	27.46	4160.73	1808.37	1725.99	638.93	1.63
5699.00	88.25	26.67	4161.25	1837.94	1753.59	653.03	5.69
5730.00	87.45	25.34	4162.41	1867.65	1781.43	666.62	5.01
5762.00	86.51	23.45	4164.10	1898.55	1810.53	679.81	6.58
5793.00	86.57	23.20	4165.97	1928.61	1838.94	692.07	0.83
5824.00	87.05	23.28	4167.69	1958.68	1867.38	704.28	1.55
5856.00	87.21	23.18	4169.30	1989.75	1896.75	716.89	0.60
5887.00	87.75	21.67	4170.66	2019.94	1925.38	728.70	5.16
5919.00	89.03	20.31	4171.56	2051.30	1955.24	740.16	5.82
5951.00	88.15	19.77	4172.35	2082.76	1985.30	751.12	3.20
5982.00	87.58	20.22	4173.50	2113.23	2014.41	761.71	2.33
6013.00	87.69	20.09	4174.78	2143.68	2043.49	772.38	0.54
6045.00	87.82	20.01	4176.03	2175.12	2073.52	783.34	0.48
6076.00	87.82	19.61	4177.21	2205.61	2102.67	793.84	1.28
6107.00	87.41	19.42	4178.50	2236.12	2131.86	804.19	1.45
6138.00	87.42	19.04	4179.90	2266.65	2161.10	814.39	1.21
6170.00	87.48	19.23	4181.33	2298.18	2191.30	824.87	0.61
6201.00	89.16	19.37	4182.23	2328.72	2220.55	835.11	5.44
6233.00	89.70	19.28	4182.55	2360.26	2250.74	845.70	1.70
6266.00	89.56	20.43	4182.77	2392.73	2281.78	856.90	3.49
6297.00	90.07	20.94	4182.87	2423.15	2310.78	867.85	2.32
6329.00	89.43	20.16	4183.01	2454.57	2340.74	879.09	3.14
6361.00	89.53	19.73	4183.30	2486.05	2370.82	890.01	1.39
6392.00	89.66	19.16	4183.51	2516.59	2400.05	900.33	1.90
6424.00	87.98	20.07	4184.17	2548.09	2430.19	911.06	5.97
6456.00	87.95	20.09	4185.31	2579.54	2460.23	922.04	0.12
6487.00	88.06	20.03	4186.39	2610.01	2489.33	932.67	0.39
6519.00	89.33	20.43	4187.12	2641.45	2519.35	943.73	4.17
6550.00	90.20	20.72	4187.24	2671.88	2548.37	954.62	2.97
6582.00	90.54	20.51	4187.04	2703.29	2578.32	965.89	1.24
6613.00	90.77	20.06	4186.68	2733.75	2607.40	976.63	1.62
6644.00	90.30	20.51	4186.39	2764.21	2636.47	987.38	2.08
6676.00	90.44	20.38	4186.19	2795.64	2666.45	998.56	0.57
6708.00	89.87	20.53	4186.10	2827.07	2696.44	1009.74	1.84
6739.00	90.27	20.60	4186.07	2857.50	2725.46	1020.63	1.32
6771.00	90.60	20.43	4185.82	2888.92	2755.43	1031.85	1.18
6802.00	89.43	20.77	4185.81	2919.35	2784.45	1042.75	3.94
6834.00	88.89	20.40	4186.28	2950.76	2814.40	1054.00	2.03
6865.00	89.52	20.13	4186.71	2981.22	2843.48	1064.74	2.20
6897.00	89.46	20.32	4187.00	3012.67	2873.51	1075.80	0.64
6929.00	90.03	20.00	4187.14	3044.13	2903.54	1086.83	2.05
6960.00	90.27	20.52	4187.06	3074.60	2932.63	1097.56	1.82
6992.00	89.06	20.29	4187.24	3106.03	2962.62	1108.72	3.84
7023.00	89.26	20.39	4187.70	3136.48	2991.68	1119.49	0.72
7055.00	89.83	20.64	4187.95	3167.90	3021.65	1130.71	1.95
7087.00	87.99	20.54	4188.56	3199.31	3051.60	1141.96	5.77

7118.00	88.29	20.30	4189.57	3229.74	3080.64	1152.77	1.23
7150.00	88.76	20.18	4190.39	3261.18	3110.65	1163.84	1.51
7181.00	87.99	20.70	4191.27	3291.61	3139.69	1174.66	3.00
7213.00	88.05	20.79	4192.38	3322.99	3169.59	1185.99	0.36
7245.00	87.05	20.87	4193.74	3354.35	3199.47	1197.36	3.15
7276.00	86.94	21.17	4195.37	3384.69	3228.37	1208.46	1.03
7308.00	87.28	20.97	4196.98	3416.02	3258.19	1219.95	1.24
7339.00	87.69	20.53	4198.34	3446.40	3287.15	1230.92	1.92
7371.00	87.82	20.84	4199.60	3477.78	3317.07	1242.22	1.04
7402.00	88.22	20.93	4200.67	3508.16	3346.01	1253.26	1.33
7433.00	88.52	21.00	4201.55	3538.54	3374.95	1264.35	1.00
7465.00	88.93	20.86	4202.27	3569.91	3404.83	1275.78	1.34
7496.00	88.76	21.30	4202.89	3600.28	3433.75	1286.93	1.53
7528.00	88.69	20.53	4203.60	3631.65	3463.63	1298.35	2.42
7560.00	88.96	20.54	4204.26	3663.06	3493.59	1309.57	0.84
7591.00	89.56	19.29	4204.66	3693.56	3522.74	1320.13	4.49
7623.00	88.46	18.36	4205.21	3725.14	3553.02	1330.46	4.52
7654.00	88.42	18.55	4206.06	3755.76	3582.41	1340.27	0.64
7685.00	88.66	18.51	4206.85	3786.37	3611.80	1350.12	0.77
7717.00	88.59	18.66	4207.62	3817.97	3642.12	1360.31	0.52
7748.00	88.72	19.16	4208.34	3848.56	3671.44	1370.36	1.66
7779.00	89.03	19.40	4208.95	3879.11	3700.69	1380.59	1.24
7810.00	89.26	18.90	4209.42	3909.67	3729.97	1390.76	1.76
7838.00	89.29	19.44	4209.77	3937.28	3756.42	1399.95	1.92

SEP 26 2018

DISTRICT III

Job Summary for CARRACAS 18 B 3

Drilling Sidetrack-08/31/2018

08/31/2018	Move in rig & equipment (for well maintenance, to prepare well for drilling ST). Rig up. Left well to sales. SDFN
09/04/2018	HJSM. Tubing 120 psi, casing 120 psi. Blow down well. N.U. BOP. Pull & tally tubing & BHA. (142 jts 2-3/8" J-55 tubing.) 3 slip stop in jt # 131. Ran tubing & string mill to 4484'. Pull tubing & string mill. Cap string on mill. Ran tubing & string mill. Turn w/ tongs. No drag. Pull Tubing & string mill. No cap string. Ran tubing & RBP. Set RBP @ 4400' KB. Roll hole w/ fresh water. Pressure test plug & casing to 2000#. Held. Pull tubing & setting sleeve laying tubing down on float. Shut blind rams. Secure well. SDFN
09/05/2018	N.D. BOP. Secure well. Tore down. Move out rig & equipment.
09/06/2018	R.U. Blue Jet. Ran GR & CCL. R.D. Blue Jet. Secure well.
09/07/2018	INACTIVE
09/08/2018	INACTIVE
09/09/2018	MI HOUSES F/HB RENTRAL AT CARRACAS FIELD OFFICE & RU. MI PUSHER, COMPANY MAN & CAMMAND CENTER ON LOCATION AND RU.
09/10/2018	MI AZTEC DRILLING #507 & SUPPORT EQUIPMENT. RU T/SIDE TRACK
09/11/2018	COMPLTE NU OF STACK, FLOW LINE, GAS BUSTER. PERFORM BOP TEST, W/BLM WITNESS. PUMU RBP, RIH ON DS.
09/12/2018	COMPLETE TOO, BO LD RBP SETTING TOOLS. RIG REPAIRS FOR PIPE RAMS & RE-TEST. PUMU WHIP, RIH & SET. MILL WINDOW, TOO
09/13/2018	PU MU SDI DIRECTIONAL BHA, RIH FILLING DP. DRLG, SLIDE & ROTATE F/4174' T/4857 WOB=6K, STK'S=95 GPM=250, TD RPM=50, DH RPM=130-180, TDT=1100-2500, SPP=800 TOOH FOR MOTOR
09/14/2018	TIH. DRLG F/4857'- T/6276' W/2 CLEAN UP CYCLES BEWTEEN WOB=7K, STK'S=95 GPM=250, TD RPM=70, DH RPM=130-180, TDT=2200-3500 SPP=850 LOSSES 8-10 BPH
09/15/2018	TRIP FOR HWDP DRLG F/6276' T/7760' W/8 TO 12 BPH LOSSES WOB=5K, STK'S=95 GPM=250, TD RPM=0-65, DH RPM=130-180, TDT=2500-4200, SPP=1000
09/16/2018	DRLG F/7760' T/7882' WOB=5K, STK'S=95 GPM=250, TD RPM=0-65, DH RPM=130-180, TDT=2500-4200, SPP=1000 SHORT TRIP F/7882 /4191. WASH/REAM F/6761' T/6683' CIRCULATE CLEAN. CONT

This information needs to be provided
on a Sunday.

	SHORT TRIP. CIRC 3 SWEEPS AT 7882' - TOO H FOR LINER
09/17/2018	RIH 4.5" 11.6# N-80 BTC LINER AS FOLLOWS: BULL NOSE SHOE, LTC X BTC XO, 78 JTS 40 OF 78 PERFORATED W/.75" HOLES AT 4 SPF ON 90 DEG PHASING W/BLANK JT BETWEEN ALL PERF JT EXCEPT LAST 2 F/4501' T/4598', THEN 7 EA FULL JTS & 2 EA PJ'S FOLLOWED BY 78 JTS DP & 57 JTS HWDP. LANDED AT 7874.19' (11'KB). INSTALL HANGER W/BPV, ND BOP, NU WH. CLEANING PITS, RD, PREP T/MOVE IN AM.
09/21/2018	Move in rig & equipment. Rig up. Well dead. N.U.BOP. Tally & ran 2 3/8" L-80 tubing & muleshoe. Tag 6794.75' KB. Stand back 45 stands. Secure well. SDFWE
09/22/2018	NO ACTIVITY
09/23/2018	NO ACTIVITY
09/24/2018	HJSM. Tubing 0 psi, Casing 5 psi. Ran 1 stand . EOT 4183' KB. R.U. swab. Tag fluid 2900' from surface. Made 20 runs, recover 83 bbls, casing 160 psi. Made 17 more runs (total 37) @ 4 pm well kicked off w/ 405 psi on casing. Shut in @ 5 pm. Recover total 155 bbls. Casing @ 320 psi. Secure well. SDFN

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811 S. First St., Artesia, NM 88210
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1000 Rio Brazos Rd., Aztec, NM 87410
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1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals & Natural Resources

Form C-104
Revised August 1, 2011

Oil Conservation Division
1220 South St. Francis Dr.
Santa Fe, NM 87505

Submit one copy to appropriate District Office

☒ AMENDED REPORT

I. REQUEST FOR ALLOWABLE AND AUTHORIZATION TO TRANSPORT

¹ Operator name and Address SOUTHLAND ROYALTY CO LLC 400 W 7TH ST FORT WORTH, TX 76102		² OGRID Number 370292
		³ Reason for Filing Code/ Effective Date RT / 9-25-2018
⁴ API Number 30 - 0 39-30606	⁵ Pool Name BASIN FRUITLAND COAL	⁶ Pool Code 71629
⁷ Property Code	⁸ Property Name CARRACAS 18B	⁹ Well Number 3-1ST

II. ¹⁰ Surface Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South Line	Feet from the	East/West line	County
M	18	32N	4W	4	755	S	965	W	RIO ARRIBA

¹¹ Bottom Hole Location

UL or lot no.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
C	18	32N	4W		660	N	2422	W	RIO ARRIBA
¹² Lse Code F	¹³ Producing Method Code F	¹⁴ Gas Connection Date	¹⁵ C-129 Permit Number	¹⁶ C-129 Effective Date	¹⁷ C-129 Expiration Date				

III. Oil and Gas Transporters

¹⁸ Transporter OGRID	¹⁹ Transporter Name and Address	²⁰ O/G/W
25244	WILLIAMS FOUR CORNERS, LLC, PO BOX 645, TULSA, OK 74102	G

IV. Well Completion Data

²¹ Spud Date	²² Ready Date	²³ TD	²⁴ PBDT	²⁵ Perforations	²⁶ DHC, MC
6-21-09	9-25-18	7882	7874	4511-7868	
²⁷ Hole Size	²⁸ Casing & Tubing Size	²⁹ Depth Set	³⁰ Sacks Cement		
12 1/4	9 5/8 32.3# H-40 ST&C	229	125		
8 3/4	7 23# J-55 LT&C	4601	635		
6 1/4	4 1/2 11.6# N-80	7874	0		
	2 3/8 L-80	4183	0		

V. Well Test Data

³¹ Date New Oil	³² Gas Delivery Date	³³ Test Date	³⁴ Test Length	³⁵ Tbg. Pressure	³⁶ Csg. Pressure
³⁷ Choke Size	³⁸ Oil	³⁹ Water	⁴⁰ Gas	⁴¹ Test Method	

⁴² I hereby certify that the rules of the Oil Conservation Division have been complied with and that the information given above is true and complete to the best of my knowledge and belief.
Signature: *Connie Blaylock*

Printed name:
CONNIE BLAYLOCK
Title:
REGULATORY ANALYST
E-mail Address:
cblaylock@mspartners.com

Date:
9/24/2018
Phone:
817-334-7882

OIL CONSERVATION DIVISION

DENIED