

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

OCD-ARTESIA

FORM APPROVED
OMB NO 1004-0137
Expires: January 31, 2004

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

NM- Lease Serial No.
NM-83066

1a Type of Well ☒ Oil Well ☐ Gas Well ☐ Dry Other		6. If Indian, Allottee or Tribe Name	
b Type of Completion ☒ New Well ☐ Work Over ☐ Deepen ☐ Plug Back ☐ Diff. Resvr		7 Unit or CA Agreement Name and No.	
Other _____			
2. Name of Operator Mewbourne Oil Company 14744		8. Lease Name and Well No Crow Flats 27 Federal #1H	
3 Address PO Box 5270 Hobbs, NM 88241		9. API Well No 30-015-36732	
3a Phone No (include area code) 575-393-5905		10 Field and Pool, or Exploratory Dog Canyon Wolfcamp 17970	
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 330' FNL & 700' FEL, Unit A Sec 28, T16S, R28E At top prod. interval reported below 334' FNL & 29' FWL, Sec 27, T16S, R28E At total depth 600' FNL 1218' FEL, Unit A, Sec 17, T16S, R28E		11 Sec., T., R., M., on Block and Survey or Area Sec 28-T16S-R28E	
14 Date Spudded 11/08/08		15 Date T.D. Reached 12/12/08	
16. Date Completed ☐ D&A ☒ Ready to Prod.		12. County or Parish Eddy County	
		13 State NM	
		17. Elevations (DF, RKB, RT, GL)* 3602' GL	

JAN 21 2009
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18. Total Depth: MD 11051' TVD 6675'	19. Plug Back T.D.: MD 10877' TVD 6665'	20. Depth Bridge Plug Set: MD NA TVD
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) Gyro/CN/ GR/CCL/Resistivity		22. Was well cored? ☒ No ☐ Yes (Submit analysis) Was DST run? ☒ No ☐ Yes (Submit report) Directional Survey? ☐ No ☒ 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 Sk. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
17 1/2	13 3/8" H40	48	0	506'		550 C	131	Surface	NA
8 3/4"	7" P110	26	0	5800'		1250 H	394	Surface	NA
6 1/8"	4 1/2 P110	11.6	5598' MD	10877' MD	Peak pkrs				

24. Tubing Record

Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)
NA								

25. Producing Intervals

Formation	TOP	Bottom	Perforated Interval	Size	No. Holes	Perf Status
A) Wolfcamp	7014' MD	11051' MD	7042' to 10833' MD	4"	9	Open
B)						
C)						
D)						

26. Perforation Record

Depth Interval	Amount and Type of Material
7042' -10833' MD	Frac w/22,500 gals 15% NeFe acid & 870,000 gals Lightning 1500, 180000# 30/50 white sand

27. Acid, Fracture, Treatment, Cement Squeeze, Etc.

Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
12/30/08	01/03/09	24	→	462	647	404	43	0.782	Flowing
Choke Size	Tbg Press. Flwg. SI	Csg. Press	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
48/64	NA	200	→	462	647	404	1400	Open	

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
			→						
Choke Size	Tbg Press Flwg SI	Call Press	24 Hr Rate	Oil BBL	Gas MCF	Water BBL	Gas: Oil Ratio	Well Status	
			→						

(See instructions and spaces for additional data on next page)

Accepted for record - NMOCD

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.)

SOLD

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
Yates MD	382'				
Seven Rivers MD	620'				
Sand MD	940'				
Queen MD	1121'				
Grayburg MD	1535'				
San Andres MD	1964'				
Glorieta MD	3338'				
Tubb MD	4670'				
Abo MD	5400'				
Wolfcamp TVD	6602'				
Wolfcamp MD	7000'				
TD (MD)	11051'				

32. Additional remarks (include plugging procedure).

33 Circle enclosed attachments

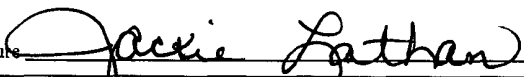
- ☒ 1 Electrical/Mechanical Logs (1 full set req'd.) 2 Geologic Report 3 DST Report ☒ 4 Directional Survey
 5 Sundry Notice for plugging and cement verification 6 Core Analysis ☒ 7 Other: Deviation Report, C104, GYRO

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) Jackie Lathan

Title Hobbs Regulatory

Signature



Date 01/09/09

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

A Gyrodata Directional Survey

Mewbourne Oil

Lease: Crowe Flats 27 Fed Well: 1H, 4 1/2" Drilpipe

Location: Patterson #45, Eddy County, New Mexico

Job Number: MD1108G_448

MEASURED DEPTH feet	I N C L deg.	A Z I M U T H deg.	V E R T I C A L SECTION feet	D O G L E G SEVERITY deg./ 100 ft.	V E R T I C A L DEPTH feet	C L O S U R E D I S T. A Z I M U T H feet deg.	H O R I Z O N T A L C O O R D I N A T E S feet
0.00	0.00	0.00	0.0	0.00	0.00	0.0 0.0	0.00 N 0.00 E

0 TO 5700 RATE GYROSCOPIC MULTISHOT SURVEY RUN INSIDE 4 1/2" DRILLPIPE							
ALL MEASURED DEPTHS AND COORDINATES REFERENCED TO PATTERSON #45							

100.00	0.58	214.20	-0.4	0.58	100.00	0.5 214.2	0.42 S 0.29 W
200.00	0.83	200.03	-1.5	0.30	199.99	1.7 208.3	1.52 S 0.82 W
300.00	0.87	210.79	-2.9	0.17	299.98	3.2 207.0	2.85 S 1.46 W
400.00	0.66	217.33	-4.0	0.23	399.97	4.5 209.0	3.97 S 2.20 W
500.00	0.63	210.93	-4.9	0.08	499.96	5.7 210.0	4.90 S 2.83 W
600.00	0.81	248.78	-5.6	0.50	599.96	6.8 213.8	5.63 S 3.77 W
700.00	0.59	277.72	-5.8	0.41	699.95	7.6 220.4	5.82 S 4.94 W
800.00	0.58	277.86	-5.7	0.01	799.94	8.2 226.3	5.68 S 5.95 W
900.00	0.28	270.19	-5.6	0.30	899.94	8.7 230.1	5.61 S 6.70 W
1000.00	0.60	264.80	-5.7	0.32	999.94	9.4 232.9	5.66 S 7.47 W
1100.00	0.78	280.47	-5.6	0.25	1099.93	10.3 237.2	5.58 S 8.66 W
1200.00	0.55	295.53	-5.3	0.28	1199.92	11.1 241.7	5.25 S 9.76 W
1300.00	0.26	317.67	-4.9	0.33	1299.92	11.4 244.8	4.87 S 10.35 W
1400.00	0.26	339.11	-4.5	0.10	1399.92	11.5 247.0	4.49 S 10.59 W
1500.00	0.11	356.51	-4.2	0.16	1499.92	11.5 248.6	4.18 S 10.68 W
1600.00	0.12	101.84	-4.1	0.18	1599.92	11.3 248.8	4.10 S 10.58 W
1700.00	0.20	294.04	-4.0	0.32	1699.92	11.4 249.2	4.05 S 10.64 W
1800.00	0.25	315.84	-3.8	0.10	1799.92	11.6 250.8	3.82 S 10.95 W
1900.00	0.29	10.40	-3.4	0.25	1899.92	11.6 252.8	3.42 S 11.06 W
2000.00	0.34	8.94	-2.9	0.05	1999.92	11.3 255.3	2.87 S 10.96 W

A Gyrodata Directional Survey

Mewbourne Oil

Lease: Crowe Flats 27 Fed Well: 1H, 4 1/2" Drilpipe

Location: Patterson #45, Eddy County, New Mexico

Job Number: MD1108G_448

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
2100.00	0.44	3.86	-2.2	0.10	2099.91	11.1 258.6	2.19 S 10.89 W
2200.00	0.51	15.99	-1.4	0.12	2199.91	10.8 262.7	1.38 S 10.74 W
2300.00	0.44	21.05	-0.6	0.08	2299.91	10.5 266.7	0.60 S 10.49 W
2400.00	0.40	39.07	0.0	0.14	2399.91	10.1 270.1	0.02 N 10.13 W
2500.00	0.40	15.86	0.6	0.16	2499.90	9.8 273.6	0.62 N 9.82 W
2600.00	0.41	16.16	1.3	0.02	2599.90	9.7 277.7	1.30 N 9.62 W
2700.00	0.45	14.92	2.0	0.04	2699.90	9.6 282.1	2.02 N 9.42 W
2800.00	0.48	10.75	2.8	0.05	2799.89	9.7 286.9	2.81 N 9.25 W
2900.00	0.47	11.89	3.6	0.01	2899.89	9.8 291.7	3.62 N 9.08 W
3000.00	0.41	25.68	4.3	0.12	2999.89	9.9 296.1	4.34 N 8.84 W
3100.00	0.50	5.17	5.1	0.19	3099.88	10.0 300.5	5.10 N 8.65 W
3200.00	0.45	8.64	5.9	0.06	3199.88	10.4 304.7	5.92 N 8.55 W
3300.00	0.29	336.16	6.5	0.25	3299.88	10.8 307.3	6.54 N 8.60 W
3400.00	0.30	342.76	7.0	0.03	3399.88	11.2 308.7	7.02 N 8.78 W
3500.00	0.26	333.20	7.5	0.06	3499.88	11.7 309.8	7.48 N 8.96 W
3600.00	0.11	18.36	7.8	0.20	3599.88	11.9 310.7	7.77 N 9.03 W
3700.00	0.12	213.65	7.8	0.22	3699.88	11.9 310.6	7.78 N 9.06 W
3800.00	0.16	342.99	7.8	0.25	3799.88	12.0 310.5	7.83 N 9.16 W
3900.00	0.21	328.30	8.1	0.07	3899.88	12.3 311.1	8.12 N 9.29 W
4000.00	0.41	270.90	8.3	0.35	3999.87	12.8 310.3	8.28 N 9.75 W
4100.00	0.22	254.78	8.2	0.21	4099.87	13.2 308.6	8.23 N 10.30 W
4200.00	0.35	150.51	7.9	0.46	4199.87	13.0 307.4	7.91 N 10.34 W
4300.00	0.29	118.23	7.5	0.19	4299.87	12.5 307.1	7.52 N 9.96 W
4400.00	0.28	126.05	7.3	0.04	4399.87	12.0 307.3	7.26 N 9.54 W

A Gyrodata Directional Survey

Mewbourne Oil

Lease: Crowe Flats 27 Fed Well: 1H, 4 1/2" Drilpipe

Location: Patterson #45, Eddy County, New Mexico

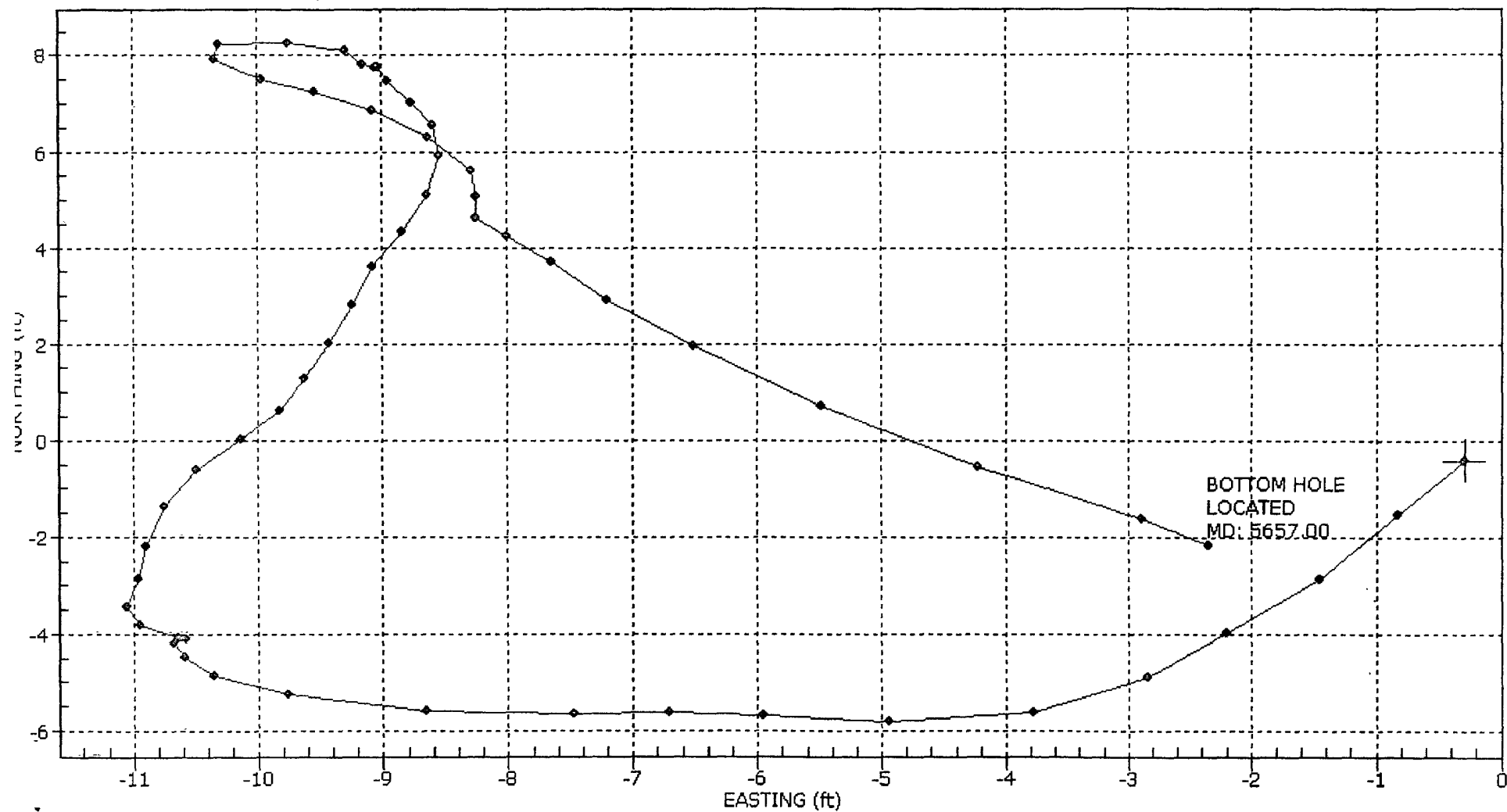
Job Number: MD1108G_448

MEASURED DEPTH feet	I N C L deg.	AZIMUTH deg.	VERTICAL SECTION feet	DOGLEG SEVERITY deg./ 100 ft.	VERTICAL DEPTH feet	CLOSURE DIST. AZIMUTH feet deg.	HORIZONTAL COORDINATES feet
4500.00	0.41	134.12	6.9	0.14	4499.87	11.4 307.1	6.86 N 9.08 W
4600.00	0.42	149.41	6.3	0.11	4599.86	10.7 306.1	6.30 N 8.63 W
4700.00	0.45	156.43	5.6	0.06	4699.86	10.0 304.1	5.62 N 8.29 W
4800.00	0.26	208.89	5.1	0.35	4799.86	9.7 301.5	5.06 N 8.25 W
4900.00	0.30	155.88	4.6	0.25	4899.86	9.5 299.3	4.62 N 8.25 W
5000.00	0.24	137.85	4.2	0.10	4999.86	9.1 297.8	4.23 N 8.00 W
5100.00	0.48	149.33	3.7	0.25	5099.86	8.5 295.9	3.71 N 7.65 W
5200.00	0.57	151.96	2.9	0.09	5199.85	7.8 292.0	2.91 N 7.20 W
5300.00	0.78	137.93	2.0	0.27	5299.84	6.8 286.8	1.97 N 6.51 W
5400.00	1.06	141.67	0.7	0.29	5399.83	5.5 277.7	0.74 N 5.48 W
5500.00	1.00	129.25	-0.6	0.23	5499.82	4.3 262.6	0.55 S 4.23 W
5600.00	0.97	128.87	-1.6	0.04	5599.80	3.3 240.6	1.63 S 2.89 W
5657.00	0.56	141.44	-2.1	0.77	5656.80	3.2 227.5	2.15 S 2.34 W

Final Station Closure: Distance: 3.18 ft Az: 227.48 deg.

Mewbourne Oil
Well: Crowe Flats 27 Fed 1H 4 1/2" Drilpipe
Location: Patterson #45, Eddy County, New Mexico

Inrun
Gyrodata
MD1108G_448 DEFINITIVE



TOC: 5800', EOC: 7000'

7" X 1/2" ISO-PAK
@ 6935'STRATA-PORT W/ 3.313" I.D.
@ 7042' 2365 psig7" X 1/2" ISO-PAK
@ 7195'STRATA-PORT W/ 3.063" I.D.
@ 7359' 2365 psig7" X 1/2" ISO-PAK
@ 7622'STRATA-PORT W/ 2.813" I.D.
@ 7903' : 2365 psig7" X 1/2" ISO-PAK
@ 8180'STRATA-PORT W/ 2.563" I.D.
@ 8461' : 2365 psig7" X 1/2" ISO-PAK
@ 8710'STRATA-PORT W/ 2.313" I.D.
@ 8955' : 2365 psig7" X 1/2" ISO-PAK
@ 9219'STRATA-PORT W/ 2.063" I.D.
@ 9501' : 2365 psig7" X 1/2" ISO-PAK
@ 9726'STRATA-PORT W/ 1.813" I.D.
@ 9953' 2365psig7" X 1/2" ISO-PAK
@ 10164'STRATA-PORT W/ 1.563" I.D.
@ 10406' 2365psig7" X 1/2" ISO-PAK
@ 10614'10833" HydraPort Selective
Frac Sleeve @ 3884 psig10877" Down Jet
Circulating Sub -
Closed

MD @ 11051'

Liner Hanger RSB 5603"

End of 7" 26# Casing: 5800'

DOWN-HOLE WELL PROFILE

WELL NAME	Mewbourn Oil Company	DATE	11/21/08
SUPERVISOR	Mr. M. Young, Mr. J. Byrum, Mr. W. Noseff	TOOL HAND	ROY CHERRY
PHONE #		PHONE #	432-425-0888
RIG #	Patterson # 46	FIELD TICKET #	12071
ELEVATIONS			
KB ELEV	GL ELEV	KB TO THF	KB TO SCF
			RIG KBD
			TD
			16
			11051.00
CASING / OPEN HOLE LAYOUT	OD (IN)	LANDED DEPTH	WT (LB/FT)
CASING DESCRIPTION	7	5800.00	26
OPEN HOLE DESCRIPTION	6.125	11051.00	
OPEN HOLE DESCRIPTION			JUNCTION @
DESCRIPTION			
Top of curve @ 5800', End of Curve @ 7000', TVD 6800', MTD: 11051'			
Comments			
4-1/2" 11.60# P-110 BTC casing from liner hanger (5603") to top Iso-pak (6923")			
4-1/2" 11.60# P-110 LTC casing from below top Iso-Pak to Down Jet Circ. Sub			
DOWNHOLE DESCRIPTION FROM BOTTOM UP (Tubing String)			
BOTTOM @	DESCRIPTION	LENGTH	ID
10876.70	Peak Down Jet Circulating sub with 3/4" ball seat 3-1/2" 8 md pin	2.51	0.750
10874.19	3-12" 8 md collar	0.49	3.000
10873.70	3-1/2" 8 md pin x 4-1/2" LTC box Swedge	0.54	3.000
10873.16	1 Jts 4-1/2" 11.60# P-110 LTC Liner jt #3	40.16	4.000
10853.00	Peak HydroStrata-Port Frac Sleeve 1	2.47	3.940
10830.53	5+1s Jts 4-1/2" 11.60# P-110 LTC Liner 4-8 & 155	213.55	4.000
10816.98	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
10814.88	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
10814.30	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 2	4.95	3.996
10809.35	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
10802.67	5 Jts 4-1/2" 11.60# P-110 LTC Liner 9-13	198.63	4.000
10406.04	Peak Strata-Port Selective Frac Sleeve w/ 1.563 ID seat 3	2.90	1.563
10403.14	5 Jts+ 2 SJ 4-1/2" 11.60# P-110 LTC Liner 14-16 & 149 & 159	236.73	4.000
10166.41	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
10164.31	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
10163.73	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 4	4.95	3.996
10158.78	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
10152.10	5 Jts 4-1/2" 11.60# P-110 LTC Liner 19-23	199.59	4.000
9952.51	Peak Strata-Port Selective Frac Sleeve w/ 1.813 ID seat 5	2.90	1.813
9949.61	5 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 24-28 & 158	220.94	4.000
9728.67	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
9726.67	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
9725.99	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 6	4.95	3.996
9721.04	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
9714.36	5 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 29-33 & 153	213.03	4.000
9601.33	Peak Strata-Port Selective Frac Sleeve w/ 2.063 ID seat 7	2.90	2.063
9498.43	7 Jts 4-1/2" 11.60# P-110 LTC Liner 34-40	276.96	4.000
9221.48	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
9219.38	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
9218.80	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 8	4.95	3.996
9213.85	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
9207.17	6 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 41-46 & 152	252.48	4.000
8954.72	Peak Strata-Port Selective Frac Sleeve w/ 2.313 ID seat 9	2.90	2.313
8951.82	6 Jts 4-1/2" 11.60# P-110 LTC Liner 47-52	238.87	4.000
8712.95	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
8710.85	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
8710.27	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 10	4.95	3.996
8705.32	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
8698.64	6 Jts 4-1/2" 11.60# P-110 LTC Liner 53-58	237.99	4.000
8460.65	Peak Strata-Port Selective Frac Sleeve w/ 2.563 ID seat 11	2.90	2.563
8457.75	7 Jts 4-1/2" 11.60# P-110 LTC Liner 59-65	275.01	4.000
8182.74	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
8180.64	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
8180.06	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 12	4.95	3.996
8175.11	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
8168.43	6 Jts+ 2 SJ 4-1/2" 11.60# P-110 LTC Liner 66-71 & 150 & 154	265.49	4.000
7902.94	Peak Strata-Port Selective Frac Sleeve w/ 2.813 ID seat 13	2.90	2.813
7900.04	7 Jts 4-1/2" 11.60# P-110 LTC Liner 72-78	274.98	4.000
7625.06	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
7622.96	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
7622.38	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 14	4.95	3.996
7617.43	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
7610.76	6 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 79-84 & 151	252.06	4.000
7358.69	Peak Strata-Port Selective Frac Sleeve w/ 3.063 ID seat 15	2.90	3.063
7355.79	4 Jts 4-1/2" 11.60# P-110 LTC Liner 85-88	157.85	4.000
7197.94	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
7195.84	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
7195.26	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 16	4.95	3.996
7190.31	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
7183.63	3 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 89-91 & 157	141.70	4.000
7041.93	Peak Strata-Port Selective Frac Sleeve w/ 3.313 ID seat 17	2.90	3.313
7039.03	2 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 92-93 & 156	101.18	4.000
6937.85	4-1/2" LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	3.920
6935.76	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	3.996
6935.17	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 18	4.95	3.996
6930.22	4-1/2" BTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	3.920
6923.54	31 Jts 4-1/2" 11.60# P-110 BTC Liner 107-137	1319.69	4.000
5603.85	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" BTC pin (1' pup jt)	1.05	3.920
5602.8	Peak 10K Retrivable Seal Bore Hanger 4-1/2" LTC 19	4.25	3.000
5598.55	3-1/2" 8 md Peak Hydraulic Dual Stage Setting Tool	5.05	0.000
5593.5	3-1/2" IF X 3-1/2" 8 md Crossover	1.30	2.375
5592.2	3-1/2" IF Pup Joint	7.66	2.250
5584.54	39 Joints (13 Std) of 3-1/2" IF Drill Collars	1194.56	2.25
4389.98	138 Joints (46 Std) of 3-1/2" IF 15.50# Drill Pipe	4392.91	2.602
-2.93	Stick-up	0.00	
Push-Pull Test @ 25k lbs.			
Pressure Test backside: 1500 psig			

*** CONFIDENTIAL ***
NOT TO BE DISCLOSED OUTSIDE
** Mewbourne Oil Company **

	Description	Length	TD of BOT	Wanted TD	ID	OD	Diff.
1	Peak Down Jet Circulating sub with 3/4" ball seat 3-1/2" 8 rnd pin	2.51	10876.70		0.750	3.750	
2	3-1/2" 8 rnd collar	0.49	10874.19		3.000	4.530	
3	3-1/2" 8 rnd pin x 4-1/2" LTC box Swedge	0.54	10873.70		3.000	5.030	
4	1 Jts 4-1/2" 11.60# P-110 LTC Liner jt #3	40.16	10873.16		4.000	4.500	
5	Peak HydroStrata-Port Frac Sleeve 1	2.47	10833.00	10830.00	3.940	5.880	3.00
6	5+1sj Jts 4-1/2" 11.60# P-110 LTC Liner 4-8 & 155	213.55	10830.53		4.000	4.500	
7	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	10616.98		3.920	4.500	
8	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	10614.88		3.996	5.940	
9	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 2	4.95	10614.30		3.996	5.700	
10	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	10609.35		3.920	4.500	
11	5 Jts 4-1/2" 11.60# P-110 LTC Liner 9-13	196.63	10602.67		4.000	4.500	
12	Peak Strata-Port Selective Frac Sleeve w/ 1.563 ID seat 3	2.90	10406.04	10400.00	1.563	5.875	6.04
13	5 Jts+ 2 SJ 4-1/2" 11.60# P-110 LTC Liner 14-18 & 149 & 159	236.73	10403.14		4.000	4.500	
14	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	10166.41		3.920	4.500	
15	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	10164.31		3.996	5.940	
16	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 4	4.95	10163.73		3.996	5.700	
17	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	10158.78		3.920	4.500	
18	5 Jts 4-1/2" 11.60# P-110 LTC Liner 19-23	199.59	10152.10		4.000	4.500	
19	Peak Strata-Port Selective Frac Sleeve w/ 1.813 ID seat 5	2.90	9952.51	9950.00	1.813	5.875	2.51
20	5 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 24-28 & 158	220.94	9949.61		4.000	4.500	
21	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	9728.67		3.920	4.500	
22	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	9726.57		3.996	5.940	
23	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 6	4.95	9725.99		3.996	5.700	
24	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	9721.04		3.920	4.500	
25	5 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 29-33 & 153	213.03	9714.36		4.000	4.500	
26	Peak Strata-Port Selective Frac Sleeve w/ 2.063 ID seat 7	2.90	9501.33	9500.00	2.063	5.875	1.33
27	7 Jts 4-1/2" 11.60# P-110 LTC Liner 34-40	276.95	9498.43		4.000	4.500	
28	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	9221.48		3.920	4.500	
29	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	9219.38		3.996	5.940	
30	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 8	4.95	9218.80		3.996	5.700	
31	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	9213.85		3.920	4.500	
32	6 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 41-46 & 152	252.45	9207.17		4.000	4.500	
33	Peak Strata-Port Selective Frac Sleeve w/ 2.313 ID seat 9	2.90	8954.72	8950.00	2.313	5.875	4.72
34	6 Jts 4-1/2" 11.60# P-110 LTC Liner 47-52	238.87	8951.82		4.000	4.500	
35	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	8712.95		3.920	4.500	
36	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	8710.85		3.996	5.940	
37	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 10	4.95	8710.27		3.996	5.700	
38	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	8705.32		3.920	4.500	
39	6 Jts 4-1/2" 11.60# P-110 LTC Liner 53-58	237.99	8698.64		4.000	4.500	
40	Peak Strata-Port Selective Frac Sleeve w/ 2.563 ID seat 11	2.90	8460.65	8460.00	2.563	5.875	0.65
41	7 Jts 4-1/2" 11.60# P-110 LTC Liner 59-65	275.01	8457.75		4.000	4.500	
42	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	8182.74		3.920	4.500	
43	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	8180.64		3.996	5.940	
44	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 12	4.95	8180.06		3.996	5.700	
45	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	8175.11		3.920	4.500	
46	6 Jts+ 2 SJ 4-1/2" 11.60# P-110 LTC Liner 66-71 & 150 & 154	265.49	8168.43		4.000	4.500	
47	Peak Strata-Port Selective Frac Sleeve w/ 2.813 ID seat 13	2.90	7902.94	7900.00	2.813	5.875	2.94
48	7 Jts 4-1/2" 11.60# P-110 LTC Liner 72-78	274.98	7900.04		4.000	4.500	
49	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	7625.06		3.920	4.500	
50	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	7622.96		3.996	5.940	
51	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 14	4.95	7622.38		3.996	5.700	
52	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	7617.43		3.920	4.500	
53	6 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 79-84 & 151	252.06	7610.75		4.000	4.500	
54	Peak Strata-Port Selective Frac Sleeve w/ 3.063 ID seat 15	2.90	7358.69	7360.00	3.063	5.875	-1.31
55	4 Jts 4-1/2" 11.60# P-110 LTC Liner 85-88	157.85	7355.79		4.000	4.500	
56	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	7197.94		3.920	4.500	
57	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	7195.84		3.996	5.940	
58	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 16	4.95	7195.26		3.996	5.700	
59	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	7190.31		3.920	4.500	
60	3 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 89-91 & 157	141.70	7183.63		4.000	4.500	
61	Peak Strata-Port Selective Frac Sleeve w/ 3.313 ID seat 17	2.90	7041.93	7035.00	3.313	5.875	6.93
62	2 Jts+ 1 SJ 4-1/2" 11.60# P-110 LTC Liner 92-93 & 156	101.18	7039.03		4.000	4.500	
63	4-1/2 LTC collar & 13.50# P-110 sub x 4-1/2" LTC pin (2' pup joint)	2.10	6937.85		3.920	4.500	
64	Rotational Centralizer 4-1/2" LTC pin X 4-1/2" LTC box	0.58	6935.75		3.996	5.940	
65	4-1/2" LTC pin - Peak 7" x 4.5" ISO PAK 4-1/2" LTC pin 18	4.95	6935.17		3.996	5.700	
66	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" LTC collar (6' pup jt)	6.68	6930.22		3.920	4.500	
67	31 Jts 4-1/2" 11.60# P-110 BTC Liner 107-137	1319.69	6923.54		4.000	4.500	
68	4-1/2" LTC collar & 13.50# P-110 sub w/ 4-1/2" BTC pin (1' pup jt)	1.05	5603.85		3.920	4.500	
69	Peak 10K Retrievable Seal Bore Hanger 4-1/2" LTC 19	4.25	5602.80	5600.00	3.000	5.940	2.80
70	3-1/2" 8 rnd Peak Hydraulic Dual Stage Setting Tool	5.05	5598.55		0.000	5.830	
71	3-1/2 IF X 3-1/2" 8 rnd Crossover	1.30	5593.50		2.375	4.750	
72	3-1/2" IF Pup Joint	7.66	5592.20		2.250	4.750	
73	39 Joints (13 Std) of 3-1/2" IF Drill Collars	1194.56	5584.54			4.750	
74	138 Joints (46 Std) of 3-1/2" IF 15.50# Drill Pipe	4392.91	4389.98		2.602	3.500	
75	Stick-up	0.00	-2.93				
76							
77							