

BURNETT OIL CO., INC

6666

FACSIMILE TRANSMITTAL SHEET

TO:	MR. MICHAEL STOGNER	FROM:	JIM ARLINE
FAX NUMBER:		DATE:	4/27/2005
COMPANY:		TOTAL NO. OF PAGES INCL. COVER:	9
PHONE NUMBER:		SENDER'S PHONE NUMBER:	(817) 332-5108
RE:		SENDER'S FAX NUMBER:	(817) 332-2438

INFORMATION YOU REQUESTED FOR THE
JACKSON A 31 WELL.

ALL WAS PROVIDED TO MR. BYRON ARRAUT @
NMDCB ARTESIA.

NOTICE OF CONFIDENTIALITY

THIS FACSIMILE MAY CONTAIN INFORMATION THAT IS PRIVILEGED AND CONFIDENTIAL AND/OR EXEMPT FROM DISCLOSURE UNDER APPLICABLE LAW. THIS TRANSMISSION IS INTENDED SOLELY FOR THE INDIVIDUAL OR ENTITY DESIGNATED ABOVE. IF YOU ARE NOT THE INTENDED RECIPIENT, OR THE EMPLOYEE OR AGENT RESPONSIBLE FOR DELIVERING IT TO THE INTENDED RECIPIENT, YOU SHOULD UNDERSTAND THAT ANY DISTRIBUTION, COPYING OR USE OF THE INFORMATION CONTAINED IN THIS FACSIMILE BY ANYONE OTHER THAN THE DESIGNATED RECIPIENT IS UNAUTHORIZED AND STRICTLY PROHIBITED. IF YOU HAVE RECEIVED THIS FACSIMILE IN ERROR, PLEASE IMMEDIATELY NOTIFY THE SENDER BY TELEPHONE.

WELLBORE SCHEMATIC BURNETT OIL CO. INC JACKSON A31 WELL EDDY CO., NM

432' - 11 3/4" 40 #/ft H40 CS9
Cemented to Surface

3071' - 8 5/8" 32 #/ft J55 CS9
Cemented to Surface

5 1/2" DV Tool at 4327' MD
Kick off point at 4433' MD
2 7/8" 6.5 #/ft EUE Tubing at 4529' MD with Sub Pump

TD 7120' MD
5 1/2" 17 #/ft J-55 CS9
Set at 7120' MD
Cemented to Surface

PERFORATED
INTERVALS →

5085'-37' MD

5240'-42' MD

5511'-13' MD

5713'-15' MD

5914'-16' MD

6151'-53' MD

6350'-52' MD

6592'-94' MD

6792'-94' MD

7014'-16' MD



DRILLING INC. Oil Well Drilling Contractor

Post Office Box 160 - Artesia, NM 88211-0160 • Office (505) 748-8704 - Fax (505) 748-8719

February 28, 2005

Burnett Oil Co, Inc
801 Cherry Street Unit #9
Fort Worth, TX 76102-6881

Re: Jackson "A" #31 H
Sec. 24, T-17-S, R-30-E
Eddy County, New Mexico

The following is a Deviation Survey on the referenced well:

420' - 1°	4733' - 33.0°	5262' - 90.7°	5796' - 91.9°	6309' - 92.0°	6834' - 89.6°
901' - 2°	4763' - 38.5°	5303' - 91.5°	5827' - 91.8°	6340' - 91.8°	6865' - 89.5°
1148' - 3/4°	4794' - 44.4°	5333' - 91.4°	5858' - 92.0°	6371' - 91.7°	6896' - 89.3°
1640' - 1 1/4°	4825' - 50.3°	5363' - 91.4°	5888' - 92.3°	6412' - 91.6°	6927' - 89.2°
2133' - 1 3/4°	4886' - 61.0°	5394' - 91.3°	5915' - 92.2°	6443' - 91.5°	6958' - 89.1°
2827' - 2°	4896' - 65.7°	5425' - 91.3°	5950' - 92.0°	6474' - 91.4°	6988' - 89.0°
3120' - 2 1/4°	4917' - 67.2°	5456' - 91.9°	5981' - 92.0°	6504' - 91.3°	7019' - 88.9°
3372' - 2 1/4°	4947' - 72.4°	5487' - 91.8°	6012' - 91.8°	6535' - 91.1°	7050' - 88.7°
3864' - 2 1/4°	4978' - 78.2°	5518' - 91.5°	6042' - 91.5°	6566' - 90.8°	7071' - 88.7°
4518' - 2.5°	5015' - 83.2°	5550' - 91.3°	6073' - 91.4°	6598' - 90.4°	
4530' - 2.7°	5045' - 85.1°	5580' - 91.1°	6103' - 91.1°	6629' - 90.4°	
4549' - 2.1°	5076' - 86.8°	5611' - 90.9°	6124' - 90.8°	6659' - 90.3°	
4580' - 6.2°	5106' - 88.2°	5642' - 90.8°	6155' - 91.7°	6690' - 90.4°	
4610' - 10.8°	5148' - 89.1°	5663' - 90.6°	6186' - 92.3°	6721' - 90.3°	
4640' - 14.9°	5178' - 90.2°	5693' - 91.0°	6217' - 92.2°	6752' - 90.2°	
4643' - 10.8°	5210' - 90.1°	5724' - 91.0°	6248' - 92.1°	6773' - 90.0°	
4702' - 27.0°	5241' - 89.9°	5754' - 91.4°	6278' - 91.9°	6804' - 89.8°	
4671' - 20.3°					

Sincerely,

Jerry W. Wilbanks
President

STATE OF NEW MEXICO)
COUNTY OF CHAVES)

The foregoing was acknowledged before me this 28th day of February, 2005 by Jerry W. Wilbanks.

MY COMMISSION EXPIRES

June 19th, 2007

NOTARY PUBLIC

Virginia L. Long

6' 7071
5110
1961

Company: Burnett Oil Company, Inc.		Date: 3/1/2005		Time: 10:01:05		Page: 1					
Field: Cedar Lake Yaso Field		Coordinates (NET) Reference: W 81 Jackson A-31H, Grid North		Vertical (TVD) Reference: System Mean Sea Level		User: (0.00) (0.00) (0.00) (0.00) (0.00) (0.00) (0.00) (0.00)					
Site: Jackson A-31		Section (S): R30E		Survey Calculation Method: Minimum Curvature		Dr. System					
Field: Cedar Lake Yaso Field Eddy, New Mexico 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: Igrt2005											
Site: Jackson A-31 Sec 24, T17S, R30E Site Position: Northing: 663636.70 ft Latitude: 32 49 25.516 N From: Map Easting: 625798.40 ft Longitude: 103 55 25.764 W Position Uncertainty: 0.00 ft North Reference: Grid Ground Level: 0.00 ft Grid Convergence: 0.22 deg											
Well: Jackson A-31H 2310 FEL., 1320 FNL, Sec 24, T17S, R30E Well Position: +N-S 0.00 ft Northing: 663636.70 ft Latitude: 32 49 25.516 N +E-W 0.00 ft Easting: 625798.40 ft Longitude: 103 55 25.764 W Position Uncertainty: 0.00 ft											
Wellpath: 1 Current Datum: Mean Sea Level Height 0.00 ft Magnetic Data: 2/15/2005 Field Strength: 49612 nT Vertical Section: Depth From (TVD) +N-S ft Drilled From: Surface Tie-on Depth: 0.00 ft Above System Datum: Mean Sea Level Declination: 8.54 deg Mag Dip Angle: 60.84 deg +E-W ft Direction deg 0.00 0.00 0.00 360.00											
Survey: Final Surveys Start Date: 3/1/2005 Company: Weatherford International, Inc. Engineer: Ybes Ortiz Tool: Tied-to: User Defined											
Survey: Final Surveys											
MD	Log	Time	TVD	+N-S	+E-W	Map Northing	Map Easting	Lat	Long	Lat	Long
4378.00	2.28	30.48	4373.70	81.20	-7.90	663717.90	625790.50	32 49 26.320 N	103 55 25.853 W		
4390.00	2.40	34.70	4388.69	81.72	-7.57	663718.42	625790.83	32 49 26.325 N	103 55 25.849 W		
4432.00	2.30	27.90	4430.66	83.18	-6.67	663719.88	625791.73	32 49 26.340 N	103 55 25.838 W		
4463.00	2.50	28.60	4461.63	84.33	-6.08	663721.03	625792.34	32 49 26.351 N	103 55 25.831 W		
4494.00	2.40	27.60	4492.60	85.50	-5.44	663722.20	625792.96	32 49 26.363 N	103 55 25.823 W		
4549.00	2.10	35.60	4547.55	87.34	-4.32	663724.04	625794.08	32 49 26.381 N	103 55 25.810 W		
4580.00	8.20	29.60	4578.47	89.25	-3.16	663725.95	625795.24	32 49 26.400 N	103 55 25.797 W		
4610.00	10.60	31.60	4608.14	93.01	-0.91	663729.71	625797.49	32 49 26.437 N	103 55 25.770 W		
4640.00	14.90	37.70	4637.39	96.42	2.90	663735.12	625801.30	32 49 26.490 N	103 55 25.725 W		
4671.00	20.30	31.10	4666.93	106.18	8.12	663742.88	625806.52	32 49 26.567 N	103 55 25.684 W		
4702.00	27.00	29.50	4695.31	116.92	14.37	663753.62	625812.77	32 49 26.673 N	103 55 25.690 W		
4733.00	33.00	26.60	4722.15	130.61	21.62	663767.31	625820.02	32 49 26.808 N	103 55 25.604 W		
4763.00	38.50	21.10	4746.49	146.64	28.64	663783.34	625827.04	32 49 26.998 N	103 55 25.421 W		
4794.00	44.40	18.70	4769.72	165.94	35.60	663802.64	625834.00	32 49 27.157 N	103 55 25.339 W		
4825.00	50.30	15.60	4790.72	187.72	42.29	663824.42	625840.69	32 49 27.372 N	103 55 25.259 W		
4865.00	55.70	12.40	4808.77	210.96	48.06	663847.66	625848.46	32 49 27.602 N	103 55 25.191 W		
4886.00	61.00	8.80	4825.03	236.88	52.89	663873.58	625851.29	32 49 27.858 N	103 55 25.133 W		
4917.00	66.70	5.60	4838.69	264.48	56.36	663901.18	625854.76	32 49 28.131 N	103 55 25.091 W		
4947.00	72.40	3.40	4849.17	292.49	58.55	663929.19	625856.95	32 49 28.408 N	103 55 25.064 W		
4978.00	78.20	1.80	4857.03	322.43	59.90	663959.13	625858.30	32 49 28.705 N	103 55 25.047 W		
5015.00	83.20	358.60	4863.01	358.93	60.03	663995.63	625858.43	32 49 29.066 N	103 55 25.044 W		
5045.00	85.10	357.90	4868.07	388.75	59.11	664025.45	625857.51	32 49 29.381 N	103 55 25.053 W		
5078.00	86.60	358.10	4868.31	419.65	58.03	664056.35	625856.43	32 49 29.667 N	103 55 25.064 W		

Company: Burnett Oil Company, Inc.	Date: 3/1/2005	Truss: 100101	Page: 2
Field: Cedar Lake West Field	Co-ordinate (NEZ) Reference:	Wet Jackson A-31H, 3rd North	
Site: Jackson A-31	Vertical (TVD) Reference:	System Mean Sea Level	
Well: Jackson A-31H	Section (VS) Reference:	Base (10.00N 0.00E 0.000000)	
Wellbore: 1	Survey Calculation Method:	Minimum Curvature	Dr: Sybase

Survey: Final Surveys

MD	Inc. Ang	Asm. Ang	TVD	True N	True W	Map Northing	Map Easting	True Az	True Az	True Az	True Az
ft	deg	deg	ft	deg	deg	ft	ft	deg	deg	deg	deg
5107.00	88.20	358.60	4869.72	450.81	57.14	664087.31	625855.54	32 49	29.973 N	103 55	25.074 W
5198.00	89.20	359.70	4870.42	481.59	56.88	664118.29	625855.08	32 49	30.280 N	103 55	25.077 W
5168.00	90.20	0.20	4870.58	511.59	56.86	664148.29	625855.06	32 49	30.577 N	103 55	25.076 W
5200.00	90.10	0.40	4870.50	543.59	56.82	664180.29	625855.22	32 49	30.893 N	103 55	25.073 W
5231.00	89.90	0.20	4870.50	574.59	56.99	664211.29	625855.39	32 49	31.200 N	103 55	25.070 W
5262.00	90.70	0.90	4870.33	605.59	57.28	664242.29	625855.88	32 49	31.507 N	103 55	25.065 W
5292.00	91.50	1.20	4869.76	635.58	57.83	664272.28	625856.23	32 49	31.803 N	103 55	25.057 W
5323.00	91.40	1.30	4868.97	666.58	58.51	664303.26	625856.91	32 49	32.110 N	103 55	25.048 W
5354.00	91.40	1.20	4868.22	697.55	58.19	664334.26	625857.59	32 49	32.416 N	103 55	25.038 W
5384.00	91.30	1.10	4867.51	727.53	59.79	664364.23	625858.19	32 49	32.713 N	103 55	25.030 W
5456.00	91.90	2.00	4865.50	799.48	61.73	664436.18	625860.13	32 49	33.425 N	103 55	25.004 W
5477.00	91.80	1.90	4864.82	820.45	62.45	664457.15	625860.85	32 49	33.633 N	103 55	24.995 W
5508.00	91.50	1.50	4863.93	851.43	63.37	664488.13	625861.77	32 49	33.939 N	103 55	24.982 W
5540.00	91.30	1.80	4863.15	883.40	64.29	664520.10	625862.69	32 49	34.255 N	103 55	24.970 W
5570.00	91.10	1.70	4862.52	913.38	65.21	664550.08	625863.61	32 49	34.552 N	103 55	24.958 W
5601.00	90.90	1.60	4861.98	944.38	66.10	664581.08	625864.50	32 49	34.859 N	103 55	24.946 W
5631.00	90.80	1.70	4861.53	974.35	66.98	664611.05	625865.36	32 49	35.155 N	103 55	24.935 W
5693.00	91.00	1.80	4860.56	1036.31	68.85	664673.01	625867.25	32 49	35.768 N	103 55	24.910 W
5723.00	91.00	1.60	4860.04	1066.29	69.74	664702.99	625868.14	32 49	36.065 N	103 55	24.898 W
5754.00	91.40	2.00	4859.39	1097.27	70.72	664733.97	625869.12	32 49	36.371 N	103 55	24.885 W
5785.00	91.80	3.00	4858.47	1129.23	72.11	664765.93	625870.51	32 49	36.688 N	103 55	24.867 W
5817.00	91.80	2.90	4857.46	1160.17	73.71	664796.87	625872.11	32 49	36.994 N	103 55	24.847 W
5848.00	92.00	3.50	4856.44	1191.11	75.44	664827.81	625873.84	32 49	37.300 N	103 55	24.825 W
5879.00	92.30	4.00	4855.27	1222.02	77.48	664858.72	625875.86	32 49	37.606 N	103 55	24.800 W
5909.00	92.20	4.10	4854.10	1251.92	79.58	664888.62	625877.98	32 49	37.901 N	103 55	24.774 W
5940.00	92.00	4.00	4852.96	1282.82	81.77	664919.52	625880.17	32 49	38.207 N	103 55	24.747 W
5971.00	92.00	4.10	4851.88	1313.72	83.86	664950.42	625882.36	32 49	38.513 N	103 55	24.720 W
6002.00	91.80	3.90	4850.85	1344.68	86.12	664981.33	625884.52	32 49	38.818 N	103 55	24.693 W
6032.00	91.50	3.90	4849.99	1374.55	88.16	665011.25	625886.56	32 49	39.114 N	103 55	24.668 W
6063.00	91.40	3.80	4849.20	1405.47	90.24	665042.17	625888.84	32 49	39.420 N	103 55	24.642 W
6093.00	91.10	4.00	4848.55	1435.39	92.28	665072.09	625890.68	32 49	39.716 N	103 55	24.617 W
6124.00	90.80	4.20	4848.03	1466.31	94.49	665103.01	625892.89	32 49	40.022 N	103 55	24.590 W
6155.00	91.70	4.20	4847.36	1497.22	96.76	665133.92	625895.16	32 49	40.328 N	103 55	24.562 W
6186.00	92.30	4.80	4846.28	1528.10	99.19	665164.80	625897.59	32 49	40.633 N	103 55	24.532 W
6217.00	92.20	4.80	4845.06	1558.98	101.73	665195.68	625900.13	32 49	40.939 N	103 55	24.501 W
6248.00	91.90	4.60	4843.95	1589.86	104.22	665226.56	625902.62	32 49	41.244 N	103 55	24.470 W
6309.00	92.00	4.70	4841.87	1650.62	109.18	665287.32	625907.58	32 49	41.845 N	103 55	24.409 W
6340.00	91.80	4.60	4840.85	1681.50	111.67	665318.20	625910.07	32 49	42.151 N	103 55	24.379 W
6371.00	91.70	4.60	4839.90	1712.39	114.16	665349.09	625912.56	32 49	42.456 N	103 55	24.348 W
6402.00	91.60	4.70	4839.01	1743.27	116.67	665379.97	625915.07	32 49	42.762 N	103 55	24.317 W
6433.00	91.50	4.70	4838.17	1774.16	119.21	665410.86	625917.61	32 49	43.067 N	103 55	24.286 W
6464.00	91.40	4.80	4837.38	1805.04	121.77	665441.74	625920.17	32 49	43.373 N	103 55	24.255 W
6494.00	91.30	4.70	4836.68	1834.93	124.26	665471.63	625922.66	32 49	43.669 N	103 55	24.224 W
6525.00	91.10	4.60	4836.03	1865.82	126.77	665502.52	625925.17	32 49	43.974 N	103 55	24.193 W
6556.00	90.80	4.40	4835.51	1896.72	129.20	665533.42	625927.60	32 49	44.280 N	103 55	24.163 W
6588.00	90.40	4.50	4835.18	1928.62	131.68	665565.32	625930.08	32 49	44.595 N	103 55	24.133 W
6619.00	90.40	4.50	4834.96	1959.53	134.12	665596.23	625932.52	32 49	44.901 N	103 55	24.103 W
6649.00	90.30	4.80	4834.78	1989.43	136.50	665626.13	625934.90	32 49	45.197 N	103 55	24.074 W
6680.00	90.40	4.60	4834.59	2020.33	138.98	665657.03	625937.38	32 49	45.503 N	103 55	24.043 W
6711.00	90.30	4.70	4834.40	2051.23	141.50	665687.93	625939.90	32 49	45.808 N	103 55	24.012 W
6742.00	90.20	4.80	4834.26	2082.12	144.06	665718.82	625942.46	32 49	46.114 N	103 55	23.981 W
6773.00	90.00	4.90	4834.21	2113.01	146.68	665749.71	625945.08	32 49	46.419 N	103 55	23.949 W

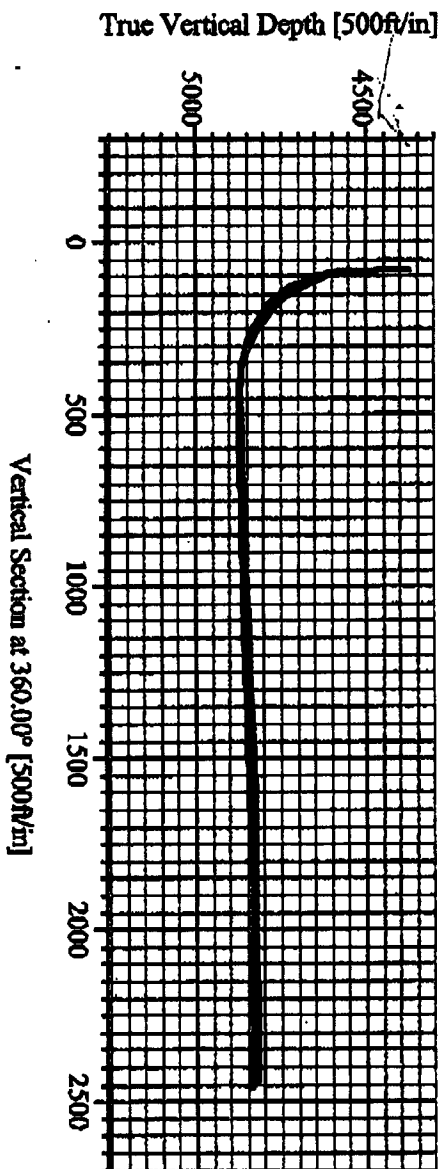
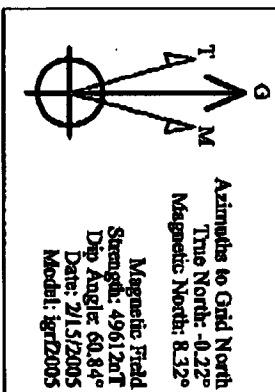
Client: Burnett Oil Company, Inc.	Date: 3/1/2005	Time: 10:01:07	Proj: 00000000000000000000
Job: 00000000000000000000	Client: Burnett Oil Company, Inc.	Job: 00000000000000000000	Job: 00000000000000000000
Job: 00000000000000000000	Section: (TVD) 00000000000000000000	Section: (TVD) 00000000000000000000	Section: (TVD) 00000000000000000000
Job: 00000000000000000000	Survey: 00000000000000000000	Survey: 00000000000000000000	Survey: 00000000000000000000

Survey: Final Surveys

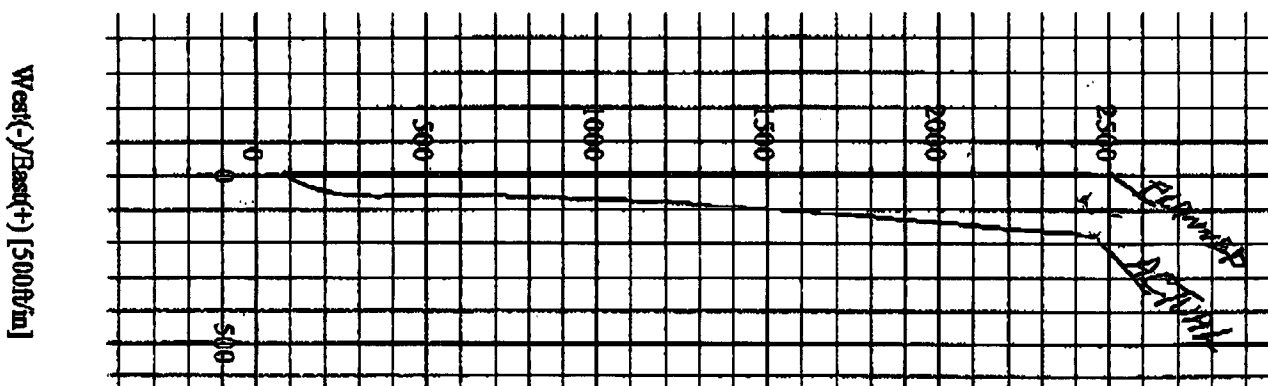
Station	Lat	Long	Alt	TVD	NE	EW	North	East	Dist	Angle	Dist	Angle	Dist
6804.00	89.80	4.70	4834.26	2143.90	149.28	665780.60	625947.68	32 49	46.725 N	103 55	23.917 W		
6834.00	89.60	4.60	4834.42	2173.80	151.71	665810.50	625950.11	32 49	47.021 N	103 55	23.887 W		
6865.00	89.50	4.60	4834.67	2204.70	154.20	665841.40	625952.60	32 49	47.326 N	103 55	23.856 W		
6896.00	89.30	4.60	4834.99	2235.60	156.68	665872.30	625955.08	32 49	47.632 N	103 55	23.826 W		
6928.00	89.20	4.70	4835.41	2267.49	159.28	665904.19	625957.68	32 49	47.948 N	103 55	23.794 W		
6959.00	89.10	4.70	4835.87	2298.38	161.82	665935.08	625960.22	32 49	48.253 N	103 55	23.763 W		
6989.00	89.00	4.60	4836.37	2328.28	164.25	665964.98	625962.65	32 49	48.549 N	103 55	23.733 W		
7020.00	88.90	4.60	4836.93	2359.18	166.73	665995.88	625965.13	32 49	48.854 N	103 55	23.702 W		
7051.00	88.70	4.70	4837.58	2390.07	169.25	666026.77	625967.65	32 49	49.160 N	103 55	23.672 W		
7071.00	88.70	4.50	4838.04	2410.00	170.65	666046.70	625969.25	32 49	49.357 N	103 55	23.652 W		
7120.00	88.70	4.50	4839.15	2458.63	174.66	666095.53	625973.09	32 49	49.840 N	103 55	23.605 W		



BURNETT OIL CO., INC.
JACKSON A-31
EDDY COUNTY, NM
Final Actual vs. Plan



South(-)/North(+) [500ft/in]



DISTRICT I

1025 N. FRANCHIS DR., BOBOS, NM 87040

DISTRICT II

1201 V. GARDNER AVENUE, ALBUQUERQUE, NM 87102

DISTRICT III

1000 Edo Brasse Rd., Aztec, NM 87410

DISTRICT IV

1201 V. GARDNER AVENUE, SANTA FE, NM 87505

State of New Mexico

Energy, Minerals and Natural Resources Department

OIL CONSERVATION DIVISION

1220 SOUTH ST. FRANCIS DR.
Santa Fe, New Mexico 87505

Form C-102

Revised JUNE 10, 2003

Submit to Appropriate District Office

State Lease - 4 Copies

Fee Lease - 3 Copies

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number 30-015-	Pool Code 96831	Pool Name CEDAR LAKE, YESO
Property Code 020767	Property Name JACKSON A	Well Number 31H
OCRD No. 003080	Operator Name BURNETT OIL COMPANY	Elevation 3731'

Surface Location

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
B	24	17-S	30-E		1220	NORTH	2310	EAST	EDDY

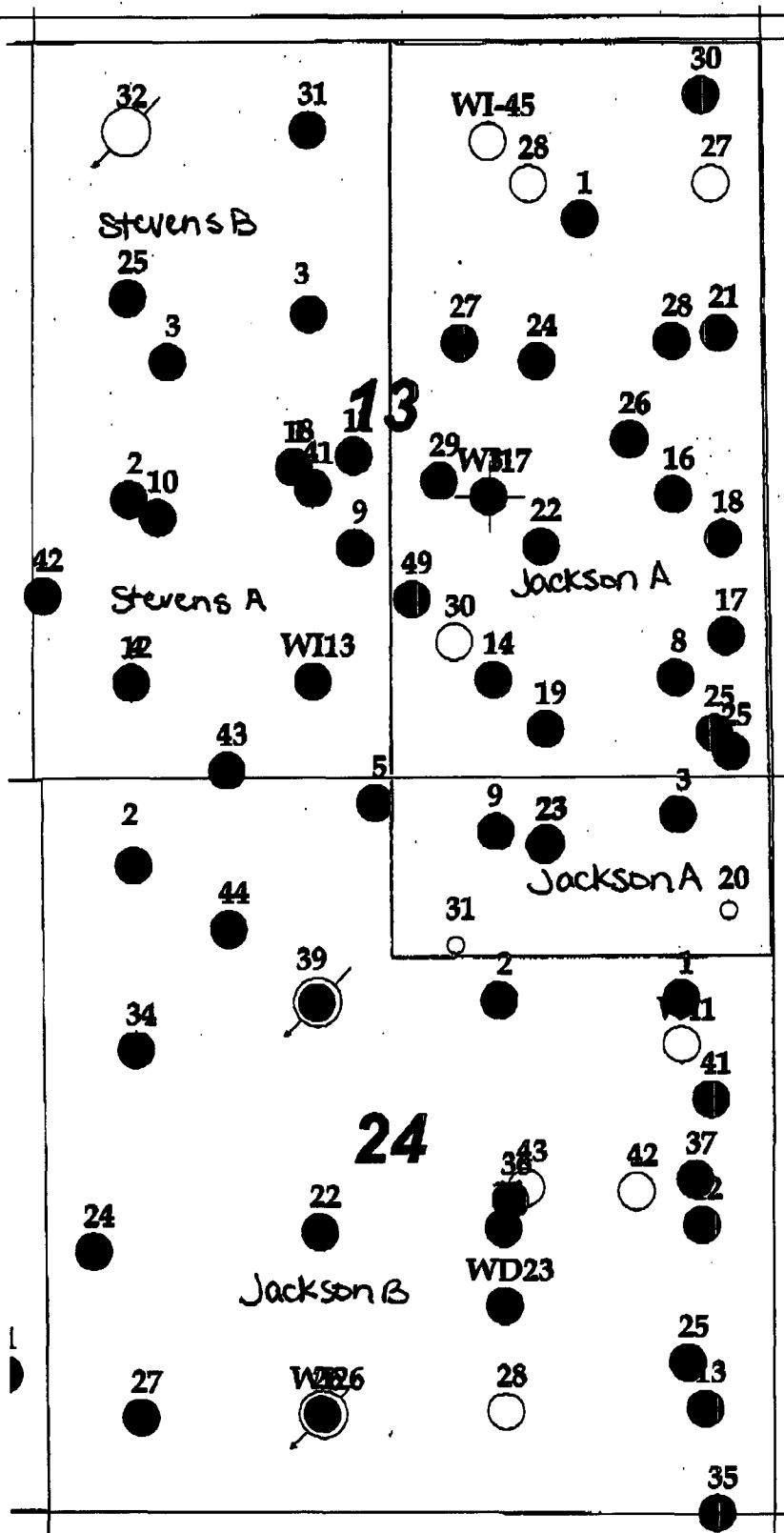
Bottom Hole Location If Different From Surface

UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
J	13	17-S	30-E		1650	SOUTH	2310	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.

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

B.H. Y=666506.4 N X=625789.0 E SECTION 13 SECTION 24 GEODETIC COORDINATES NAD 27 NME SURF. Y=663636.7 N X=625798.4 E LAT.=32°49'25.52" N LONG.=103°55'25.76" W		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief. <i>Sterling Randolph</i> Signature STERLING RANDOLPH Printed Name PETROLEUM ENGINEER Title JANUARY 11, 2005 Date 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. NOVEMBER 4, 2004 Date Surveyed REV: 1/7/05 JR Signature & Seal of Professional Surveyor <i>Gary E. Edson</i> 05.13.0025 Certificate No. GARY EDSON 12841
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Burnett Oil Co., Inc.

Eddy County
New MexicoDate:
27 April, 2003