

Submit To Appropriate District Office Two Copies District I 1625 N French Dr., Hobbs, NM 88240 District II 1301 W Grand Avenue, Artesia, NM 88210 District III 1000 Rio Brazos Rd., Aztec, NM 87410 District IV 1220 S. St Francis Dr., Santa Fe, NM 87505	State of New Mexico Energy, Minerals and Natural Resources Oil Conservation Division 1220 South St. Francis Dr. Santa Fe, NM 87505	Form C-105 July 17, 2008 1. WELL API NO. 30-015-36305 2. Type of Lease ☒ STATE ☐ FEE ☐ FED/INDIAN 3. State Oil & Gas Lease No. VO-6885																																														
WELL COMPLETION OR RECOMPLETION REPORT AND LOG																																																
4. Reason for filing: ☒ COMPLETION REPORT (Fill in boxes #1 through #31 for State and Fee wells only) ☐ C-144 CLOSURE ATTACHMENT (Fill in boxes #1 through #9, #15 Date Rig Released and #32 and/or #33; attach this and the plat to the C-144 closure report in accordance with 19 15.17.13.K NMAC)		5. Lease Name or Unit Agreement Name Stogey BLG State Com 6. Well Number: 1H DEC - 2 2008 OCD-ARTESIA																																														
7. Type of Completion: ☒ NEW WELL ☐ WORKOVER ☐ DEEPENING ☐ PLUGBACK ☐ DIFFERENT RESERVOIR ☐ OTHER																																																
8. Name of Operator Yates Petroleum Corporation		9. OGRID 025575																																														
10. Address of Operator 105 South Fourth Street, Artesia, NM 88210		11. Pool name or Wildcat Willow Lake; Bone Spring, West (Oil)																																														
12. Location <table border="1" style="width:100%; border-collapse: collapse;"> <tr> <th>Unit Ltr</th> <th>Section</th> <th>Township</th> <th>Range</th> <th>Lot</th> <th>Feet from the</th> <th>N/S Line</th> <th>Feet from the</th> <th>E/W Line</th> <th>County</th> </tr> <tr> <td>Surface:</td> <td>A</td> <td>36</td> <td>24S</td> <td>27E</td> <td>660</td> <td>North</td> <td>660</td> <td>East</td> <td>Eddy</td> </tr> <tr> <td>BH:</td> <td>D</td> <td>36</td> <td>24S</td> <td>27E</td> <td>790</td> <td>North</td> <td>676</td> <td>West</td> <td>Eddy</td> </tr> </table>	Unit Ltr	Section	Township	Range	Lot	Feet from the	N/S Line	Feet from the	E/W Line	County	Surface:	A	36	24S	27E	660	North	660	East	Eddy	BH:	D	36	24S	27E	790	North	676	West	Eddy	13. Date Spudded RH 7/19/08 RT 7/24/08																	
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14. Date T.D. Reached 9/18/08		15. Date Rig Released 9/21/08																																														
16. Date Completed (Ready to Produce) 11/18/08		17. Elevations (DF and RKB, RT, GR, etc.) 3079'GR 3097'KB																																														
18. Total Measured Depth of Well 8830' TVD 12,055' MD		19. Plug Back Measured Depth 12,053'																																														
20. Was Directional Survey Made? Yes (Attached)		21. Type Electric and Other Logs Run CNL, Hi-Res Laterolog Array, CBL																																														
22. Producing Interval(s), of this completion - Top, Bottom, Name 8681'-11,948' Bone Spring																																																
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29. Disposition of Gas (Sold, used for fuel, vented, etc.) Sold			30. Test Witnessed By W. Marler																																													
31. List Attachments Logs, Deviation Survey and Directional Survey																																																
32. If a temporary pit was used at the well, attach a plat with the location of the temporary pit.																																																
33. If an on-site burial was used at the well, report the exact location of the on-site burial:																																																
Latitude _____ Longitude _____ NAD 1927 1983																																																
I hereby certify that the information shown on both sides of this form is true and complete to the best of my knowledge and belief																																																
Signature		Printed Name <u>Tina Huerta</u> Title <u>Regulatory Compliance Supervisor</u> Date <u>November 26, 2008</u>																																														
E-mail Address <u>tinah@yatespetroleum.com</u>																																																
Accepted for record - NMOCD																																																

INSTRUCTIONS

This form is to be filed with the appropriate District Office of the Division not later than 20 days after the completion of any newly-drilled or deepened well and not later than 60 days after completion of closure. When submitted as a completion report, this shall be accompanied by one copy of all electrical and radio-activity logs run on the well and a summary of all special tests conducted, including drill stem tests. All depths reported shall be measured depths. In the case of directionally drilled wells, true vertical depths shall also be reported. For multiple completions, items 11, 12 and 26-31 shall be reported for each zone.

INDICATE FORMATION TOPS IN CONFORMANCE WITH GEOGRAPHICAL SECTION OF STATE

Southeastern New Mexico			Northwestern New Mexico	
T. Anhy		T. Canyon	T. Ojo Alamo	T. Penn A
T. Salt		T. Strawn	T. Kirtland	T. Penn. "B
B. Salt	2192'	T. Atoka	T. Fruitland	T. Penn. "C
T. Yates		T. Miss	T. Pictured Cliffs	T. Penn. "D
T. 7 Rivers		T. Devonian	T. Cliff House	T. Leadville
T. Queen		T. Silurian	T. Menefee	T. Madison
T. Grayburg		T. Montoya	T. Point Lookout	T. Elbert
T. San Andres		T. Simpson	T. Mancos	T. McCracken
T. Glorieta		T. McKee	T. Gallup	T. Ignacio Otzte
T. Paddock		T. Ellenburger	Base Greenhorn	T. Granite
T. Blinebry		T. Gr. Wash	T. Dakota	
T. Tubb		T. Delaware Sand 2434'	T. Morrison	
T. Drinkard		T. Bone Springs 5954'	T. Todilto	
T. Abo		T. Rustler 644'	T. Entrada	
T. Wolfcamp		T. Castille 790'	T. Wingate	
T. Penn		T. Cherry Canyon	T. Chinle	
T. Cisco (Bough C		T. Brushy Canyon	T. Permian	

OIL OR GAS SANDS OR ZONES

No. 1, from.....to.....

No. 2, from.....to.....

No. 3, from.....to.....

No. 4, from.....to.....

IMPORTANT WATER SANDS

Include data on rate of water inflow and elevation to which water rose in hole.

No. 1, from.....to.....feet.....
 No. 2, from.....to.....feet.....
 No. 3, from.....to.....feet.....

LITHOLOGY RECORD (Attach additional sheet if necessary)

From	To	Thickness In Feet	Lithology

YATES PETROLEUM CORPORATION

STOGEY "BLG" STATE COM #1H EDDY CO., NEW MEXICO



SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N/-S	+E/-W	DLeg	TFace	VSec	Target
1	7838.12	0.49	132.92	7837.00	-30.06	21.46	0.00	0.00	-20.76	
2	8608.62	91.94	269.04	8318.00	-41.33	-472.93	11.98	136.10	473.76	
3	12098.18	91.94	269.04	8200.00	-100.00	-3960.00	0.00	0.00	3961.25	PBHL 2

SITE DETAILS

Stogey "BLG" State Com #1H
Site Centre Northing: 429018.11
Easting: 601884.67
Ground Level: 3079.00
Positional Uncertainty: 0.00
Convergence: 0.10

FIELD DETAILS

Eddy Co., NM (NAD 83)
Geodetic System: US State Plane Coordinate System 1983
Ellipsoid: GRS 1980
Zone: New Mexico, Eastern Zone
Magnetic Model: bggm2007
System Datum: Mean Sea Level
Local North: Grid North

TARGET DETAILS

Name	TVD	+N/-S	+E/-W	Northing	Easting	Shape
PBHL 2	8200.00	-100.00	-3960.00	428918.11	597924.67	Point
T6	8216.00	-88.36	-3498.88	428929.76	598385.79	Point
T5	8233.00	-75.74	-2999.04	428942.38	598885.63	Point
T4	8250.00	-63.11	-2499.20	428955.00	599385.47	Point
T3	8267.00	-50.49	-1999.36	428967.62	599885.31	Point
T2	8284.00	-37.87	-1499.52	428980.25	600385.15	Point
T1	8301.00	-25.25	-999.68	428992.87	600884.99	Point
LP	8318.00	-12.62	-499.84	429005.49	601384.83	Point

LEGEND

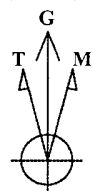
#1H, 1, Plan #2
WFT SVY

WELL DETAILS

Name	+N/-S	+E/-W	Northing	Easting	Latitude	Longitude	Slot
#1H	0.00	0.00	429018.11	601884.67	32°10'45.461N	104°08'15.485W	N/A

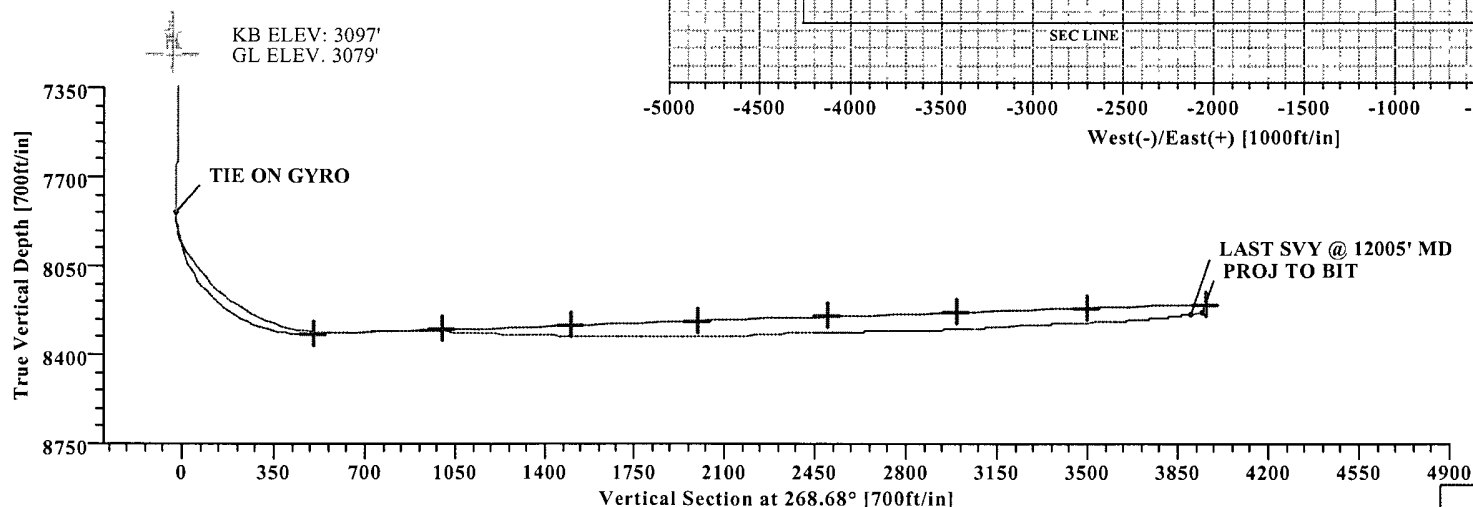
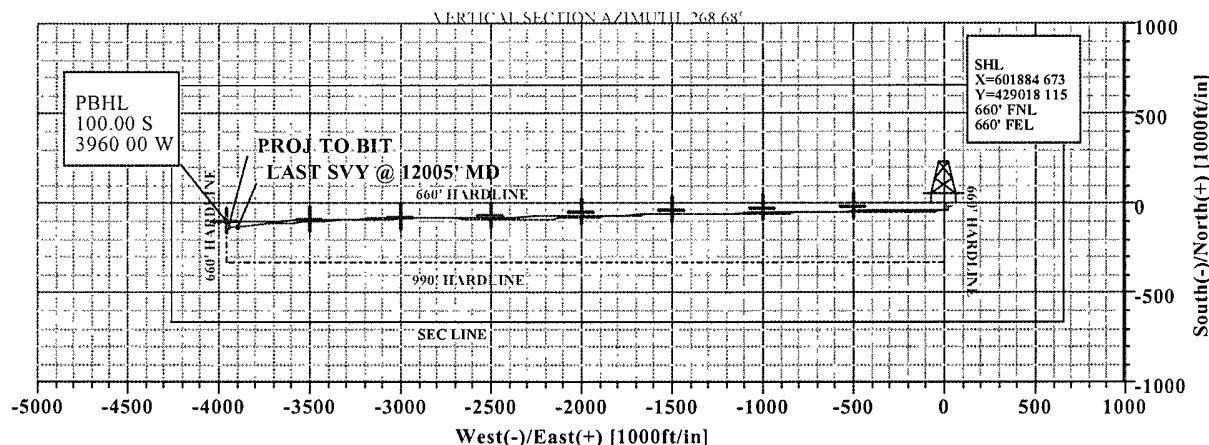
Proj to Bit Survey: WFT SVY (#1H/1)

No	MD	Inc	Az	TVD	+N/-S	+E/-W	DLeg	TFace	VSec
103	12055.00	101.00	265.07	8229.62	-130.40	-3944.30	3.42	-8.91	3946.25



Azimuths to Grid North
True North: -0.10°
Magnetic North: 8.11°

Magnetic Field
Strength: 48846nT
Dip Angle: 60.11°
Date: 8/22/2008
Model: bggm2007



Survey WFT SVY (#1H/1)

Created By Lindsey Maddux

Date 9/19/2008

Weatherford International, Inc.

Survey Report

Company: Yates Petroleum		Date: 9/19/2008		Time: 08:29:35		Page: 1	
Field: Eddy Co., NM (NAD 83)		Co-ordinate(NE) Reference: Well: #1H, Grid North					
Site: Stogey "BLG" State Com #1H		Vertical (TVD) Reference: SITE 3097.0					
Well: #1H		Section (VS) Reference: Well (0.00N, 0.00E, 268.68Azi)					
Wellpath: 1		Survey Calculation Method: Minimum Curvature		Db: Sybase			

Field: Eddy Co., NM (NAD 83)			
Map System: US State Plane Coordinate System 1983		Map Zone: New Mexico, Eastern Zone	
Geo Datum: GRS 1980		Coordinate System: Well Centre	
Sys Datum: Mean Sea Level		Geomagnetic Model: bggm2007	

Site: Stogey "BLG" State Com #1H			
Site Position:	Northing: 429018.11 ft	Latitude: 32 10 45.461 N	
From: Map	Easting: 601884.67 ft	Longitude: 104 8 15.485 W	
Position Uncertainty: 0.00 ft		North Reference: Grid	
Ground Level: 3079.00 ft		Grid Convergence: 0.10 deg	

Well: #1H		Slot Name:	
Well Position:	+N/-S 0.00 ft	Northing: 429018.11 ft	Latitude: 32 10 45.461 N
	+E/-W 0.00 ft	Easting: 601884.67 ft	Longitude: 104 8 15.485 W
Position Uncertainty: 0.00 ft			

Wellpath: 1		Drilled From: Surface	
		Tie-on Depth: 0 00 ft	
Current Datum: SITE	Height 3097.00 ft	Above System Datum: Mean Sea Level	
Magnetic Data: 8/22/2008		Declination: 8.22 deg	
Field Strength: 48846 nT		Mag Dip Angle: 60 11 deg	
Vertical Section: Depth From (TVD)	+N/-S	+E/-W	Direction
ft	ft	ft	deg
0 00	0.00	0.00	268.68

Survey: WFT SVY		Start Date: 9/1/2008	
Company: Weatherford International, Inc		Engineer: Lindsey Maddux	
Tool: MWD;MWD - Standard		Tied-to: From GYRO	

Survey: WFT SVY										
MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
7838.12	0.49	132.92	7837.00	-30.06	21.46	-20.76	0.00	0.00	0.00	TIE ON GYRO
7874.00	4.69	252.84	7872.84	-30.60	20.17	-19.46	13.80	11.71	334.23	MWD
7906.00	10.12	254.53	7904.56	-31.74	16.21	-15.47	16.98	16.97	5.28	MWD
7938.00	16.02	258.16	7935.72	-33.40	9.17	-8.40	18.61	18.44	11.34	MWD
7969.00	22.85	259.83	7964.93	-35.34	-0.96	1.77	22.10	22.03	5.39	MWD
8001.00	29.88	259.21	7993.59	-37.93	-14.92	15.79	21.99	21.97	-1.94	MWD
8033.00	36.25	262.71	8020.39	-40.63	-32.15	33.08	20.77	19.91	10.94	MWD
8065.00	37.50	264.71	8045.99	-42.72	-51.24	52.21	5.41	3.91	6.25	MWD
8097.00	37.13	265.71	8071.44	-44.35	-70.57	71.57	2.22	-1.16	3.12	MWD
8129.00	39.50	266.21	8096.55	-45.74	-90.36	91.39	7.47	7.41	1.56	MWD
8161.00	42.13	266.96	8120.76	-46.98	-111.23	112.29	8.36	8.22	2.34	MWD
8192.00	45.81	267.84	8143.07	-47.95	-132.73	133.80	12.03	11.87	2.84	MWD
8224.00	48.94	268.71	8164.74	-48.66	-156.26	157.34	9.98	9.78	2.72	MWD
8256.00	52.25	269.09	8185.05	-49.13	-180.98	182.06	10.38	10.34	1.19	MWD
8288.00	55.56	268.84	8203.90	-49.60	-206.83	207.92	10.36	10.34	-0.78	MWD
8320.00	58.38	268.96	8221.34	-50.11	-233.65	234.74	8.82	8.81	0.37	MWD
8352.00	61.44	269.71	8237.38	-50.43	-261.33	262.42	9.78	9.56	2.34	MWD
8383.00	64.19	270.09	8251.54	-50.48	-288.90	289.99	8.94	8.87	1.23	MWD
8416.00	66.38	270.21	8265.34	-50.40	-318.88	319.96	6.64	6.64	0.36	MWD
8448.00	69.00	270.46	8277.49	-50.23	-348.48	349.54	8.22	8.19	0.78	MWD
8480.00	72.75	270.59	8287.97	-49.95	-378.71	379.76	11.73	11.72	0.41	MWD
8512.00	76.81	269.71	8296.37	-49.87	-409.58	410.62	12.96	12.69	-2.75	MWD
8544.00	80.00	268.84	8302.80	-50.27	-440.92	441.96	10.32	9.97	-2.72	MWD
8575.00	82.88	268.59	8307.41	-50.96	-471.56	472.61	9.32	9.29	-0.81	MWD

Weatherford International, Inc.

Survey Report

Company: Yates Petroleum Field: Eddy Co., NM (NAD 83) Site: Stogey "BLG" State Com #1H Well: #1H Wellpath: 1	Date: 9/19/2008 Time: 08:29:35 Page: 2 Co-ordinate(NE) Reference: Well: #1H, Grid North Vertical (TVD) Reference: SITE 3097.0 Section (VS) Reference: Well (0.00N, 0.00E, 268.68Azi) Survey Calculation Method: Minimum Curvature Db: Sybase
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Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
8607.00	85.88	269.09	8310.55	-51.60	-503.40	504.45	9.50	9.37	1.56	MWD
8639.00	87.81	269.84	8312.31	-51.90	-535.35	536.40	6.47	6.03	2.34	MWD
8671.00	89.50	270.34	8313.06	-51.85	-567.34	568.38	5.51	5.28	1.56	MWD
8703.00	91.69	270.71	8312.73	-51.55	-599.33	600.36	6.94	6.84	1.16	MWD
8735.00	92.31	270.71	8311.61	-51.16	-631.31	632.32	1.94	1.94	0.00	MWD
8767.00	92.50	271.09	8310.27	-50.66	-663.28	664.27	1.33	0.59	1.19	MWD
8798.00	92.19	270.59	8309.00	-50.20	-694.25	695.22	1.90	-1.00	-1.61	MWD
8830.00	91.88	270.71	8307.86	-49.84	-726.23	727.18	1.04	-0.97	0.37	MWD
8861.00	90.44	269.09	8307.23	-49.89	-757.22	758.17	6.99	-4.65	-5.23	MWD
8893.00	89.56	268.59	8307.23	-50.54	-789.21	790.16	3.16	-2.75	-1.56	MWD
8925.00	90.31	268.59	8307.27	-51.33	-821.20	822.16	2.34	2.34	0.00	MWD
8957.00	91.56	268.59	8306.75	-52.12	-853.19	854.16	3.91	3.91	0.00	MWD
8988.00	90.50	268.59	8306.19	-52.88	-884.17	885.15	3.42	-3.42	0.00	MWD
9020.00	89.13	268.46	8306.29	-53.70	-916.16	917.15	4.30	-4.28	-0.41	MWD
9052.00	88.25	268.09	8307.03	-54.67	-948.14	949.14	2.98	-2.75	-1.16	MWD
9084.00	88.75	267.96	8307.86	-55.77	-980.11	981.13	1.61	1.56	-0.41	MWD
9116.00	88.13	268.71	8308.73	-56.70	-1012.08	1013.12	3.04	-1.94	2.34	MWD
9148.00	88.69	269.46	8309.62	-57.21	-1044.06	1045.10	2.92	1.75	2.34	MWD
9179.00	89.69	269.96	8310.06	-57.37	-1075.06	1076.10	3.61	3.23	1.61	MWD
9211.00	87.75	270.34	8310.78	-57.28	-1107.05	1108.08	6.18	-6.06	1.19	MWD
9243.00	86.43	271.09	8312.40	-56.88	-1139.00	1140.01	4.74	-4.12	2.34	MWD
9275.00	86.81	271.46	8314.29	-56.17	-1170.94	1171.92	1.66	1.19	1.16	MWD
9306.00	87.50	271.34	8315.83	-55.42	-1201.89	1202.85	2.26	2.23	-0.39	MWD
9338.00	88.00	271.34	8317.08	-54.67	-1233.86	1234.79	1.56	1.56	0.00	MWD
9370.00	88.94	271.34	8317.94	-53.92	-1265.84	1266.75	2.94	2.94	0.00	MWD
9402.00	88.31	270.46	8318.70	-53.42	-1297.83	1298.71	3.38	-1.97	-2.75	MWD
9434.00	87.31	269.34	8319.93	-53.47	-1329.80	1330.68	4.69	-3.12	-3.50	MWD
9465.00	87.75	268.96	8321.26	-53.93	-1360.77	1361.65	1.87	1.42	-1.23	MWD
9497.00	88.56	268.84	8322.29	-54.55	-1392.75	1393.63	2.56	2.53	-0.37	MWD
9529.00	89.06	268.71	8322.96	-55.23	-1424.73	1425.63	1.61	1.56	-0.41	MWD
9561.00	87.69	268.09	8323.86	-56.12	-1456.71	1457.61	4.70	-4.28	-1.94	MWD
9592.00	88.06	268.21	8325.01	-57.12	-1487.67	1488.59	1.25	1.19	0.39	MWD
9624.00	88.69	268.34	8325.92	-58.09	-1519.64	1520.58	2.01	1.97	0.41	MWD
9657.00	89.19	268.46	8326.53	-59.01	-1552.62	1553.57	1.56	1.52	0.36	MWD
9689.00	89.25	268.21	8326.97	-59.94	-1584.61	1585.57	0.80	0.19	-0.78	MWD
9721.00	89.44	268.09	8327.33	-60.97	-1616.59	1617.56	0.70	0.59	-0.37	MWD
9752.00	88.13	267.84	8327.99	-62.07	-1647.56	1648.55	4.30	-4.23	-0.81	MWD
9784.00	88.00	267.84	8329.07	-63.28	-1679.52	1680.53	0.41	-0.41	0.00	MWD
9816.00	88.69	266.96	8330.00	-64.73	-1711.47	1712.51	3.49	2.16	-2.75	MWD
9848.00	89.81	267.34	8330.41	-66.32	-1743.43	1744.49	3.70	3.50	1.19	MWD
9880.00	90.44	267.71	8330.34	-67.70	-1775.40	1776.49	2.28	1.97	1.16	MWD
9912.00	90.19	267.34	8330.17	-69.08	-1807.37	1808.48	1.40	-0.78	-1.16	MWD
9943.00	90.19	267.09	8330.07	-70.59	-1838.33	1839.47	0.81	0.00	-0.81	MWD
9975.00	91.19	267.59	8329.68	-72.07	-1870.29	1871.46	3.49	3.12	1.56	MWD
10007.00	91.81	267.71	8328.84	-73.38	-1902.26	1903.44	1.97	1.94	0.37	MWD
10039.00	92.00	267.71	8327.78	-74.66	-1934.21	1935.42	0.59	0.59	0.00	MWD
10071.00	90.56	267.84	8327.06	-75.90	-1966.18	1967.41	4.52	-4.50	0.41	MWD
10103.00	90.06	267.96	8326.89	-77.08	-1998.16	1999.40	1.61	-1.56	0.37	MWD
10134.00	90.06	267.84	8326.86	-78.21	-2029.14	2030.40	0.39	0.00	-0.39	MWD
10166.00	89.94	267.96	8326.86	-79.39	-2061.12	2062.40	0.53	-0.37	0.37	MWD
10198.00	89.75	267.46	8326.95	-80.66	-2093.09	2094.39	1.67	-0.59	-1.56	MWD
10230.00	91.44	267.34	8326.61	-82.12	-2125.05	2126.38	5.29	5.28	-0.37	MWD
10262.00	92.00	267.34	8325.65	-83.60	-2157.00	2158.36	1.75	1.75	0.00	MWD

Weatherford International, Inc.

Survey Report

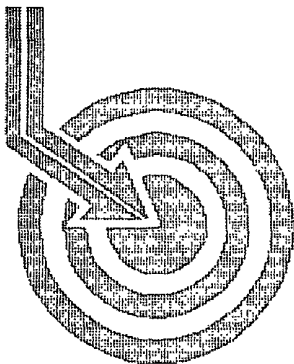
Company: Yates Petroleum	Date: 9/19/2008	Time: 08:29:35	Page: 3
Field: Eddy Co., NM (NAD 83)	Co-ordinate(N/E) Reference:	Well: #1H, Grid-North	
Site: Stogey "BLG" State Com #1H	Vertical (TVD) Reference:	SITE 3097.0	
Well: #1H	Section (VS) Reference:	Well (0.00N,0.00E,268.68Azi)	
Wellpath: 1	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey: WFT SVY

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	VS ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	Tool/Comment
10294.00	92.63	267.59	8324.36	-85.01	-2188.95	2190.32	2.12	1.97	0.78	MWD
10325.00	92.13	268.09	8323.07	-86.18	-2219.90	2221.29	2.28	-1.61	1.61	MWD
10357.00	92.81	268.71	8321.69	-87.07	-2251.86	2253.26	2.87	2.12	1.94	MWD
10389.00	94.16	268.58	8319.75	-87.83	-2283.79	2285.20	4.24	4.22	-0.41	MWD
10421.00	93.62	268.97	8317.58	-88.51	-2315.71	2317.13	2.08	-1.69	1.22	MWD
10453.00	93.44	269.47	8315.61	-88.95	-2347.64	2349.07	1.66	-0.56	1.56	MWD
10485.00	92.19	269.84	8314.04	-89.14	-2379.60	2381.02	4.07	-3.91	1.16	MWD
10517.00	90.31	270.39	8313.34	-89.08	-2411.59	2413.00	6.12	-5.87	1.72	MWD
10549.00	89.56	271.21	8313.37	-88.63	-2443.59	2444.98	3.47	-2.34	2.56	MWD
10644.00	91.13	271.46	8312.80	-86.42	-2538.56	2539.88	1.67	1.65	0.26	MWD
10740.00	93.38	272.09	8309.03	-83.44	-2634.43	2635.65	2.43	2.34	0.66	MWD
10835.00	90.00	270.84	8306.22	-81.02	-2729.34	2730.49	3.79	-3.56	-1.32	MWD
10931.00	91.00	271.71	8305.39	-78.88	-2825.31	2826.38	1.38	1.04	0.91	MWD
11027.00	92.44	270.84	8302.50	-76.75	-2921.24	2922.24	1.75	1.50	-0.91	MWD
11123.00	92.56	268.84	8298.32	-77.01	-3017.15	3018.12	2.09	0.12	-2.08	MWD
11219.00	92.94	267.71	8293.71	-79.90	-3112.99	3114.01	1.24	0.40	-1.18	MWD
11283.00	92.88	267.46	8290.46	-82.59	-3176.85	3177.91	0.40	-0.09	-0.39	MWD
11347.00	93.69	267.71	8286.79	-85.29	-3240.69	3241.79	1.32	1.27	0.39	MWD
11442.00	93.63	266.96	8280.73	-89.69	-3335.39	3336.57	0.79	-0.06	-0.79	MWD
11538.00	92.06	266.46	8275.96	-95.20	-3431.11	3432.40	1.72	-1.64	-0.52	MWD
11632.00	92.38	266.59	8272.32	-100.89	-3524.87	3526.26	0.37	0.34	0.14	MWD
11696.00	93.75	266.34	8268.90	-104.83	-3588.65	3590.12	2.18	2.14	-0.39	MWD
11823.00	94.38	266.21	8259.90	-113.06	-3715.07	3716.69	0.51	0.50	-0.10	MWD
11918.00	96.81	265.81	8250.64	-119.64	-3809.38	3811.12	2.59	2.56	-0.42	MWD
12005.00	99.31	265.34	8238.44	-126.28	-3895.25	3897.13	2.92	2.87	-0.54	LAST SVY @ 12005' MD
12055.00	101.00	265.07	8229.62	-130.40	-3944.30	3946.25	3.42	3.38	-0.54	PROJ TO BIT

Annotation

MD ft	TVD ft	
7838.12	7837.00	TIE ON GYRO
12005.00	8238.44	LAST SVY @ 12005' MD
12055.00	8229.62	PROJ TO BIT



Scientific Drilling

YATES PETROLEUM

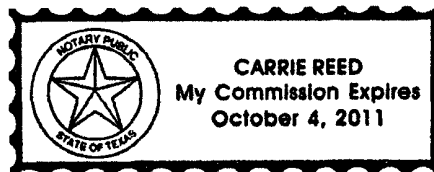
Field: Willow Lake
Site: Eddy County, NM
Well: Stogey BLG State Com #1H
Wellpath: VH - Job #32K0808623
Survey: 08/12/08

This survey is correct to the best of my knowledge
and is supported by actual field data.

.....*L. Wharton*.....Company Representative

Notorized this date 14th of August, 2008.

Carrie Reed
Notary Signature
County of Midland
State of Texas





Scientific
Drilling

Scientific Drilling International Survey Report

Company: YATES PETROLEUM	Date: 08/14/2008	Time: 09:18:15	Page: 1
Field: Willow Lake	Co-ordinate(N/E) Reference: Site: Eddy County, NM, Grid North		
Site: Eddy County, NM	Vertical (TVD) Reference: SITE 0.0		
Well: Stogey BLG State Com #1H	Section (VS) Reference: Well (0.00N,0.00E,268.68Azi)		
Wellpath: VH - Job #32K0808623	Survey Calculation Method: Minimum Curvature	Db: Sybase	

Survey: 08/12/08	Start Date: 08/12/2008
Company: KSRG 0'-8000'	
Tool: Scientific Drilling Internatio	Engineer: Garza w/JW
Keeper, Keeper Gyro	Tied-to: From Surface

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
0.00	0.00	359.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
100.00	0.91	134.53	100.00	-0.55	-0.56	0.57	0.91	0.79	134.53
200.00	1.84	150.93	199.97	-1.85	-2.52	1.91	1.00	3.16	142.77
300.00	2.05	146.19	299.91	-3.56	-5.41	3.69	0.26	6.54	145.70
400.00	2.12	147.62	399.84	-5.48	-8.45	5.67	0.09	10.18	146.14
500.00	2.08	144.55	499.78	-7.45	-11.49	7.72	0.12	13.84	146.13
600.00	2.13	141.38	599.71	-9.59	-14.43	9.93	0.13	17.51	145.46
700.00	1.29	114.88	699.66	-11.73	-16.35	12.11	1.13	20.35	143.47
800.00	0.75	59.79	799.65	-13.31	-16.49	13.70	1.06	21.44	140.30
900.00	0.82	51.02	899.64	-14.45	-15.72	14.82	0.14	21.60	136.68
1000.00	0.75	78.60	999.63	-15.66	-15.14	16.02	0.38	22.04	133.38
1100.00	0.81	86.20	1099.62	-17.01	-14.96	17.36	0.12	22.92	130.75
1200.00	0.80	148.23	1199.61	-18.07	-15.51	18.44	0.83	24.09	130.07
1300.00	0.77	111.83	1299.61	-19.05	-16.35	19.43	0.49	25.39	130.08
1400.00	0.95	161.97	1399.60	-19.90	-17.39	20.31	0.75	26.73	130.57
1500.00	0.97	123.60	1499.58	-20.83	-18.64	21.27	0.63	28.28	131.24
1600.00	1.25	128.02	1599.56	-22.37	-19.78	22.83	0.29	30.21	130.91
1700.00	1.28	102.67	1699.54	-24.30	-20.70	24.78	0.56	32.29	129.87
1800.00	1.90	83.70	1799.50	-27.03	-20.76	27.52	0.81	34.48	127.04
1900.00	1.75	74.02	1899.45	-30.16	-20.16	30.64	0.34	36.68	123.35
2000.00	1.15	67.71	1999.42	-32.58	-19.36	33.03	0.62	38.29	120.38
2100.00	1.31	94.05	2099.40	-34.65	-19.06	35.10	0.58	39.94	118.50
2200.00	1.47	94.94	2199.37	-37.07	-19.25	37.52	0.16	42.17	117.16
2300.00	0.66	83.10	2299.35	-38.91	-19.29	39.37	0.84	43.84	116.11
2400.00	0.67	89.92	2399.34	-40.07	-19.22	40.53	0.08	44.85	115.38
2500.00	0.57	103.36	2499.34	-41.14	-19.34	41.59	0.18	45.87	114.94
2600.00	0.42	62.64	2599.33	-41.95	-19.28	42.40	0.37	46.58	114.46
2700.00	0.49	52.38	2699.33	-42.62	-18.86	43.07	0.11	47.01	113.64
2800.00	0.42	50.86	2799.33	-43.26	-18.36	43.69	0.07	47.39	112.80
2900.00	0.27	4.81	2899.32	-43.57	-17.90	43.99	0.30	47.50	112.14
3000.00	0.12	26.08	2999.32	-43.64	-17.57	44.06	0.16	47.43	111.74
3100.00	0.22	335.40	3099.32	-43.62	-17.30	44.03	0.17	47.30	111.45
3200.00	0.24	346.40	3199.32	-43.50	-16.92	43.90	0.05	47.05	111.08
3300.00	0.43	286.61	3299.32	-43.09	-16.61	43.49	0.37	46.55	110.90
3400.00	0.28	278.17	3399.32	-42.50	-16.47	42.89	0.16	45.94	111.01
3500.00	0.48	293.12	3499.32	-41.87	-16.27	42.26	0.22	45.28	111.06
3600.00	0.57	290.48	3599.31	-41.03	-15.93	41.41	0.09	44.37	111.04
3700.00	0.50	308.34	3699.31	-40.23	-15.49	40.60	0.18	43.45	110.88
3800.00	0.49	303.13	3799.31	-39.54	-14.98	39.90	0.05	42.62	110.58
3900.00	0.62	279.71	3899.30	-38.66	-14.66	39.01	0.26	41.67	110.59
4000.00	0.56	293.31	3999.30	-37.69	-14.37	38.03	0.15	40.65	110.70
4100.00	0.62	286.74	4099.29	-36.73	-14.02	37.06	0.09	39.62	110.73
4200.00	0.63	291.64	4199.28	-35.71	-13.66	36.03	0.05	38.53	110.77
4300.00	0.46	289.06	4299.28	-34.82	-13.33	35.14	0.17	37.58	110.77
4400.00	0.46	244.23	4399.28	-34.08	-13.37	34.40	0.35	36.91	111.25
4500.00	0.56	243.33	4499.27	-33.28	-13.77	33.60	0.10	36.31	112.28
4600.00	0.60	243.48	4599.27	-32.36	-14.22	32.70	0.04	35.65	113.51
4700.00	0.46	220.55	4699.26	-31.62	-14.76	31.97	0.25	35.21	114.78
4800.00	0.48	227.99	4799.26	-31.03	-15.34	31.39	0.06	34.94	116.05



Scientific
Drilling

Scientific Drilling International Survey Report

Company: YATES PETROLEUM	Date: 08/14/2008	Time: 09:18:15	Page: 2
Field: Willow Lake	Co-ordinate(NE) Reference:	Site: Eddy County, NM, Grid North	
Site: Eddy County, NM	Vertical (TVD) Reference:	SITE 0.0	
Well: Stogey BLG State Com #1H	Section (VS) Reference:	Well (0.00N,0.00E,268.68Azi)	
Wellpath: VH - Job #32K0808623	Survey Calculation Method:	Minimum Curvature	Db: Sybase

Survey

MD ft	Incl deg	Azim deg	TVD ft	VS ft	N/S ft	E/W ft	DLS deg/100ft	ClsD ft	ClsA deg
4900.00	0.55	242.53	4899.26	-30.28	-15.85	30.66	0.15	34.51	117.33
5000.00	0.45	228.26	4999.25	-29.55	-16.33	29.94	0.16	34.10	118.61
5100.00	0.38	248.37	5099.25	-28.94	-16.71	29.34	0.16	33.76	119.67
5200.00	0.44	231.13	5199.25	-28.33	-17.08	28.73	0.14	33.42	120.73
5300.00	0.45	222.53	5299.24	-27.75	-17.61	28.17	0.07	33.22	122.01
5400.00	0.43	212.56	5399.24	-27.27	-18.21	27.70	0.08	33.15	123.33
5500.00	0.52	239.71	5499.24	-26.67	-18.76	27.10	0.24	32.96	124.69
5600.00	0.66	232.49	5599.23	-25.80	-19.34	26.26	0.16	32.61	126.37
5700.00	0.76	229.56	5699.22	-24.82	-20.12	25.29	0.11	32.32	128.50
5800.00	0.81	229.80	5799.22	-23.76	-21.00	24.25	0.05	32.08	130.90
5900.00	0.74	217.82	5899.21	-22.80	-21.97	23.31	0.18	32.04	133.30
6000.00	1.10	242.41	5999.19	-21.53	-22.93	22.07	0.53	31.82	136.09
6100.00	1.34	261.49	6099.17	-19.51	-23.54	20.06	0.47	30.93	139.57
6200.00	1.68	270.35	6199.14	-16.89	-23.71	17.44	0.41	29.43	143.66
6300.00	1.56	260.98	6299.10	-14.07	-23.91	14.63	0.29	28.03	148.54
6400.00	1.40	268.30	6399.06	-11.50	-24.16	12.06	0.25	27.00	153.47
6500.00	1.16	282.61	6499.04	-9.30	-23.98	9.85	0.40	25.92	157.66
6600.00	0.87	254.63	6599.02	-7.58	-23.96	8.13	0.57	25.30	161.25
6700.00	0.66	212.28	6699.02	-6.52	-24.64	7.09	0.59	25.65	163.94
6800.00	0.27	149.77	6799.01	-6.32	-25.34	6.90	0.59	26.26	164.76
6900.00	0.47	127.54	6899.01	-6.75	-25.79	7.35	0.24	26.82	164.10
7000.00	0.63	143.72	6999.01	-7.39	-26.48	8.00	0.22	27.66	163.19
7100.00	0.80	128.48	7099.00	-8.24	-27.36	8.87	0.25	28.76	162.04
7200.00	0.95	103.56	7198.99	-9.58	-27.99	10.22	0.40	29.80	159.93
7300.00	1.14	91.35	7298.97	-11.37	-28.21	12.02	0.29	30.66	156.91
7400.00	1.04	89.81	7398.95	-13.27	-28.23	13.93	0.10	31.47	153.74
7500.00	1.41	99.93	7498.93	-15.39	-28.44	16.05	0.43	32.65	150.57
7600.00	1.34	100.65	7598.90	-17.74	-28.86	18.41	0.07	34.23	147.47
7700.00	0.73	115.44	7698.88	-19.45	-29.35	20.13	0.66	35.59	145.56
7800.00	0.59	117.20	7798.88	-20.47	-29.86	21.16	0.14	36.60	144.67
7900.00	0.44	169.06	7898.87	-20.99	-30.48	21.69	0.47	37.41	144.55
8000.00	0.38	177.45	7998.87	-21.06	-31.18	21.78	0.08	38.04	145.06



Scientific
Drilling

Field: Willow Lake
Site: Eddy County, NM
Well: Stogey BLG State Com #1H
Wellpath: VH - Job #32K0808623
Survey: 08/12/08

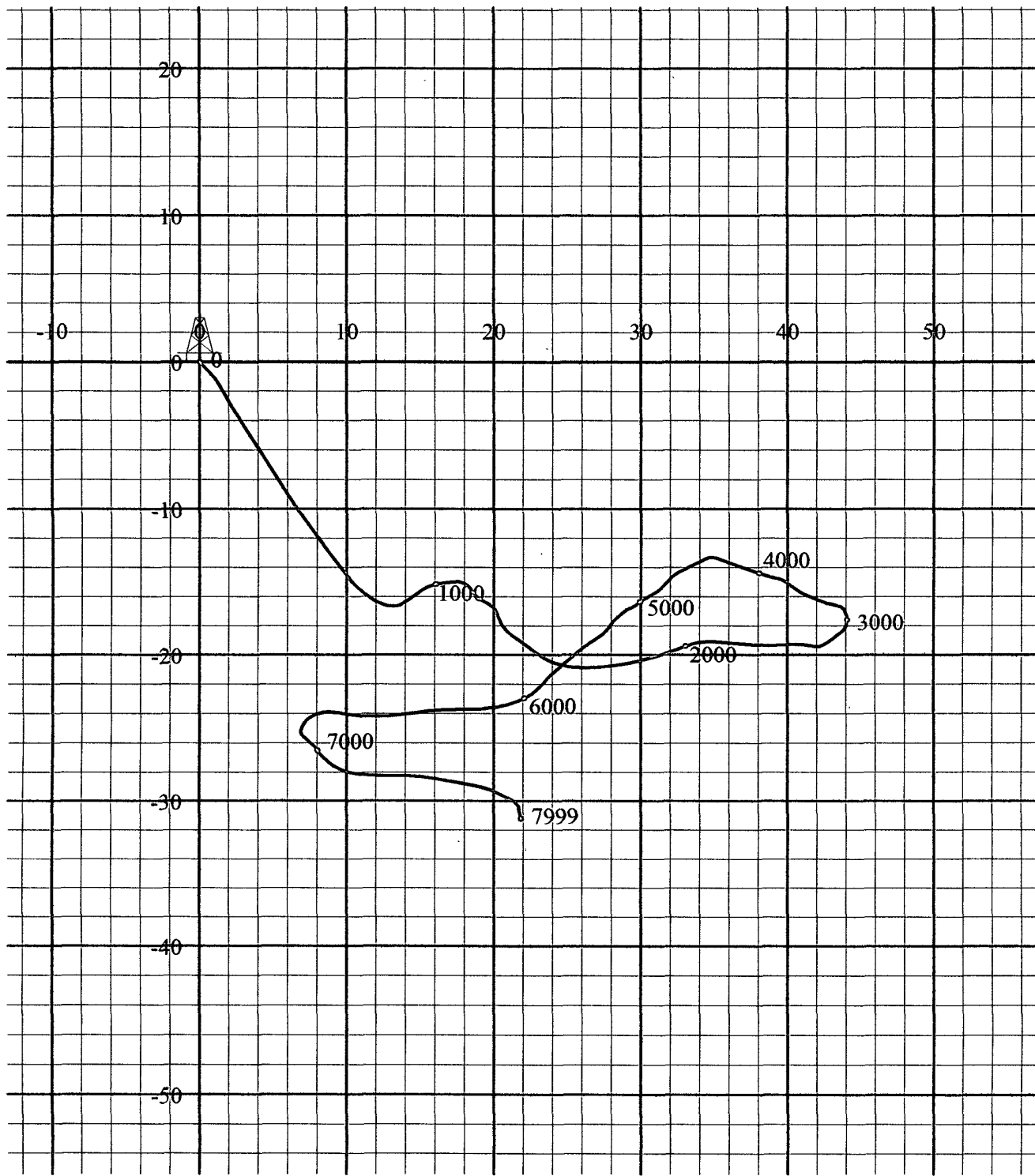


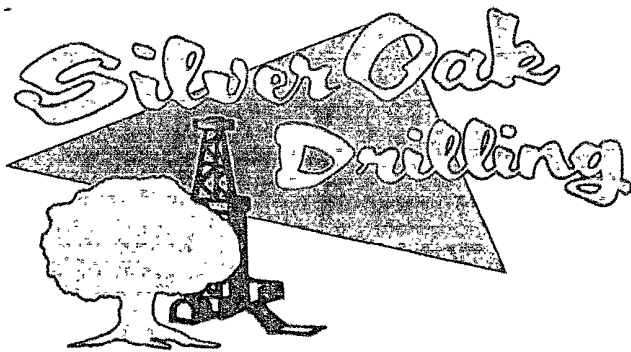
Azimuths to Grid North
True North: 0.00°
Magnetic North: 0.00°

Magnetic Field
Strength: 0nT
Dip Angle: 0.00°
Date: 08/14/2008
Model: igrf2000

West(-)/East(+) [10ft/in]

South(-)/North(+) [10ft/in]





PO Box 1370
Artesia, NM 88211-1370
(505) 748-1288

September 29, 2008

Yates Petroleum Corporation
105 S. 4th
Artesia, NM 88211-1395

RE: Stogey BLG State Com #1H
660' FNL & 660' FEL
Sec. 36, T24S, R27E
Eddy County, New Mexico

Dear Sir,

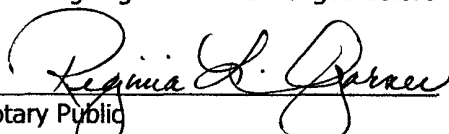
The attached is the Deviation Survey for the above captioned well.

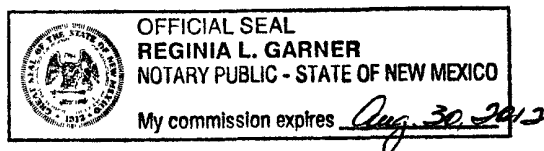
Very truly yours,


Eddie LaRue
Operations Manager

State of New Mexico }
County of Eddy }

The foregoing was acknowledged before me this 29th day of September, 2008.


Notary Public



Date	Depth	Dev/Inc.	AZ	TVD
7/25/2008	215.00	1.00		
	390.00	2.25		
7/26/2008	665.00	3.00		
7/28/2008	674.00	1.23	111.49	674.00
	769.00	0.88	58.31	769.00
	864.00	1.06	67.61	864.00
	959.00	0.88	87.05	959.00
7/29/2008	1054.00	0.88	83.27	1054.00
	1149.00	0.97	98.02	1149.00
	1244.00	0.97	115.05	1244.00
	1370.00	1.06	118.15	1244.00
	1495.00	1.23	126.09	1494.00
	1624.00	1.32	120.92	1624.00
	1751.00	2.11	92.65	1750.00
	1814.00	2.02	91.99	1813.00
7/30/2008	1878.00	1.85	80.38	1878.00
	1941.00	1.32	66.09	1940.00
	1997.00	1.23	87.66	1996.00
	2195.00	1.41	99.04	2194.00
8/1/2008	2644.00	0.75		
	2805.00	0.25		
8/2/2008	2992.00	1.00		
	3185.00	0.75		
	3375.00	0.25		
	3565.00	1.00		
8/3/2008	3784.00	1.25		
	3974.00	1.25		
	4166.00	1.00		
	4420.00	0.75		
8/4/2008	4920.00	0.25		
8/5/2008	5420.00	0.75		
	5909.00	0.50		
8/6/2008	6384.00	1.50		
	6574.00	0.75		
8/8/2008	7239.00	1.25		
8/9/2008	7717.00	1.00		
8/11/2008	8286.00	1.00		
8/12/2008	8696.00	0.75		
8/30/2008	7810.00	0.32	191.25	
8/31/2008	7874.00	4.69	252.84	7873.00
	7906.00	0.21	254.53	7905.00
	7938.00	16.02	258.16	7936.00
	7969.00	22.85	259.83	
	8001.00	29.88	259.21	
	8033.00	36.25	262.71	
	8065.00	37.50	264.71	
	8097.00	37.13	265.71	80071.45
9/2/2008	8129.00	39.50	266.21	8096.00
	8161.00	42.13	266.96	8120.00
	8192.00	45.81	267.84	8143.00
	8224.00	48.94	268.71	8165.00
9/3/2008	8320.00	58.38	258.96	8221.00
	8352.00	61.44	269.71	8237.00
	8383.00	64.19	270.09	8251.00
9/4/2008	8416.00	66.38	270.23	8265.00

Date	Depth	Dev/Inc.	AZ	TVD
	8448.00	69.00	270.46	8277.00
	8480.00	72.75	270.59	8287.97
	8512.00	76.81	269.71	8296.37
	8544.00	80.00	268.84	8302.80
	8575.00	82.88	268.59	8307.40
9/5/2008	8607.00	85.88	269.09	8310.50
	8639.00	87.81	269.84	8312.00
	8671.00	89.50	270.34	8313.00
	8703.00	91.69	270.71	8312.00
	8735.00	92.31	270.71	8311.00
	8767.00	92.50	271.09	8310.27
	8798.00	92.19	270.59	8309.00
	8830.00	91.88	270.71	8308.00
9/6/2008	8861.00	90.44	269.09	8307.00
	8893.00	89.56	268.59	8307.00
	8925.00	90.31	268.59	8307.27
	8957.00	91.56	260.59	8306.75
	8988.00	90.50	268.59	8306.00
9/7/2008	9052.00	88.25	268.09	8307.03
	9084.00	88.75	267.96	8307.87
	9116.00	88.13	268.71	8308.74
	9179.00	89.69	269.96	8310.00
	9211.00	87.75	270.34	8310.00
	9243.00	86.39	271.09	8312.00
	9275.00	86.81	271.46	8314.29
	9306.00	87.50	271.34	8315.83
	9338.00	88.00	271.34	8317.00
9/8/2008	9370.00	88.94	271.34	8317.94
	9402.00	88.31	270.46	8318.00
	9434.00	83.31	269.34	8391.93
	9465.00	87.75	268.96	8321.27
	9497.00	88.56	268.84	8323.30
	9329.00	89.06	268.71	8323.00
	9651.00	87.69	268.09	8323.87
	9592.00	88.06	268.21	8325.00
	9624.00	88.69	268.34	8325.93
9/9/2008	9721.00	89.44	268.09	8327.34
	9752.00	88.13	267.84	8328.00
	9784.00	88.00	267.84	
9/10/2008	9816.00	88.69	266.96	8330.00
	9848.00	89.81	267.34	8330.42
	9880.00	90.44	267.71	8330.35
	9912.00	90.19	267.34	8330.17
	9943.00	90.19	267.09	8330.00
	9975.00	91.19	267.59	8329.00
	10007.00	91.81	267.71	8328.83
	10039.00	92.00	267.71	8327.78
	10071.00	90.56	267.84	8327.00
	10103.00	90.06	267.96	8326.90
	10166.00	89.94	267.96	8326.86
9/11/2008	10198.00	89.75	267.46	8326.95
	10230.00	91.44	267.34	8326.62
	10262.00	92.00	267.46	8325.66
	10294.00	92.63	267.59	8324.13
	10325.00	92.13	268.09	8323.08

Date	Depth	Dev/Inc.	AZ	TVD
9/12/2008	10357.00	92.81	268.71	8371.78
	10389.00	94.16	268.58	8319.75
	10421.00	93.62	268.97	8317.58
	10453.00	93.44	269.47	8315.61
	10485.00	92.19	269.84	8314.04
	10517.00	90.31	270.59	8313.00
	10546.00	89.56	271.21	8313.00
	10644.00	91.13	271.46	8313.00
9/13/2008	10740.00	93.38	272.09	8309.30
	10835.00	90.00	270.84	8306.00
9/14/2008	10931.00	91.00	271.71	8305.00
	11027.00	92.44	270.84	8302.51
9/15/2008	11123.00	92.56	268.84	8298.32
	11219.00	92.94	267.71	8293.00
	11283.00	92.81	267.46	8290.00
	11347.00	93.69	267.71	8286.00
9/16/2008	11442.00	93.63	266.96	8280.73
	11538.00	92.06	266.46	8275.00
	11583.00	92.83	266.59	8274.23
9/17/2008	11696.00	93.75	266.34	8268.91
9/18/2008	11823.00	94.38	266.21	8259.00
	11918.00	96.81	265.71	8250.00



DIRECTIONAL SURVEY REPORT

YATES PETROLEUM

STOGEY BLG ST COM #1

EDDY COUNTY, NEW MEXICO

PREPARED BY: FRANCISCO SINISTERRA

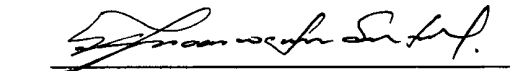
Pathfinder Energy Services, Inc.
6213 W. County Road 112 • Midland, TX • 79706
(432)681-6000

DIRECTIONAL SURVEY COMPANY REPORT:

1. NAME OF SURVEYING COMPANY: PATHFINDER ENERGY SERVICES
2. NAME OF PERSON(S) PERFORMING SURVEY:
A) JAMES BURLESON
3. POSITION OF SAID PERSON(S): (A-F) SURVEYORS (FIELD ENGINEERS)
4. DATE(S) ON WHICH SURVEY WAS PERFORMED: 7/28/08 TO 7/30/08
5. STATE IN WHICH SURVEY WAS PERFORMED: NEW MEXICO
6. LOCATION OF WELL: EDDY COUNTY, NM
7. TYPE OF SURVEY(S) PERFORMED: MWD
8. COMPLETE IDENTIFICATION OF WELL:

YATES PETROLEUM
STOGY BLG COM #1
EDDY COUNTY, NM
RIG: SILVER OAK 9
9. SURVEY CERTIFIED FROM: 674 TO 2478 FEET MEASURED DEPTH.

THIS IS TO VERIFY THAT ATTACHED DOCUMENTS SHOWING THE WELL TO BE DISPLACED AT 38.19 FEET ON A BEARING OF 99.26 DEGREES FROM THE CENTER OF THE ROTARY TABLE AT A PROJECTED BIT DEPTH OF 2526 FEET, ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE.


Francisco Sinisterra
M/LWD SERVICE COORDINATOR

PathFinder Energy Services, Inc.

BHL Report

Page 01/01
Tie-in Date: 08/06/2008
Date Completed: 07/30/2008

YATES PETROLEUM
STOGEY BLG ST COM #1
EDDY COUNTY, NM
Rig:SILVER OAK 9
PathFinder Office Supervisor: CODY MEBANE
PathFinder Field Engineers:JAMES BURLESON

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:32.10.45.4699 N LON:104.8.15.4706 W
GRID Reference:NAD83 new mexico east Transverse Mercator
Ref GRID Coord: X: 601884.6730 Y: 429018.1150
North Aligned To:GRID NORTH
Total Magnetic Correction: 8.11° EAST TO GRID
Vertical Section Plane: 0.00
Survey Vert. Reference: 0.00' Kelly Bushing To Ground
Altitude:3079.00' Ground To MSL

Measured Depth	2526.00	(feet)
Inclination	0.53	(deg)
Azimuth	117.87	(deg)
True Vertical Depth	2525.56	(feet)
Vertical Section	-6.15	(feet)
Survey X cord	601922.37	(feet)
Survey Y cord	429011.97	(feet)
Survey Lat	32.17928010 N	(deg)
Survey Lon	104.13750893 W	(deg)
Rectangular Corr. N/S	6.15 S	(feet)
Rectangular Corr. E/W	37.69 E	(feet)
Closure Distance	38.19	(feet)
Direction of Closure	99.26	(deg)
Dogleg Severity	0.00	(deg/100ft)

PathFinder Energy Services, Inc.

Survey Report

YATES PETROLEUM
STOGEY BLG ST COM #1
EDDY COUNTY, NM
Rig:SILVER OAK 9
PathFinder Office Supervisor: CODY MEBANE
PathFinder Field Engineers: JAMES BURLESON

Survey Horiz. Reference:WELLHEAD
Ref Coordinates: LAT:32.10.45.4699 N LON:104.8.15.4706 W
Reference:NAD83 new mexico east Transverse Mercator
Ref GRID Coord: X: 601884.6730 Y: 429018.1150
North Aligned To:GRID NORTH
Total Magnetic Correction: 8.11° EAST TO GRID
Vertical Section Plane: 0.00
Survey Vert. Reference: 0.00' Kelly Bushing To Ground
Altitude:3079.00' Ground To MSL

Survey Calculations by RX5 V5.11i using Minimum Curvature

Measured Depth (ft)	Incl (deg)	Drift Dir. (deg)	TVD (ft)	Course Length (ft)	Vertical Section (ft)	TOTAL Rectangular Offsets (ft) (ft)		Closure Dist (ft)	Dir (deg)	DLS (dg/100ft)
TIE-IN ASSUMED VERTICAL @ 500' MD										
500.00	0.00	0.00	500.00	0.00	0.00	0.00	0.00	0.00@	0.00	0.00
THE FOLLOWING ARE PATHFINDER MWD SURVEYS.										
674.00	1.23	111.49	673.99	174.00	-0.68	0.68 S	1.74 E	1.87@	111.49	0.71
769.00	0.88	58.31	768.97	95.00	-0.67	0.67 S	3.31 E	3.38@	101.53	1.05
864.00	1.06	67.61	863.96	95.00	0.04	0.04 N	4.74 E	4.74@	89.47	0.25
959.00	0.88	87.05	958.95	95.00	0.42	0.42 N	6.28 E	6.30@	86.21	0.39
1054.00	0.88	83.27	1053.93	95.00	0.54	0.54 N	7.73 E	7.75@	86.02	0.06
1149.00	0.97	98.20	1148.92	95.00	0.51	0.51 N	9.26 E	9.27@	86.85	0.27
1244.00	0.97	115.05	1243.91	95.00	0.05	0.05 N	10.78 E	10.78@	89.71	0.30
1370.00	1.06	118.15	1369.89	126.00	-0.95	0.95 S	12.77 E	12.81@	94.24	0.08
1497.00	1.23	126.09	1496.86	127.00	-2.30	2.30 S	14.91 E	15.09@	98.78	0.18
1624.00	1.32	120.92	1623.83	127.00	-3.86	3.86 S	17.27 E	17.69@	102.60	0.12
1751.00	2.11	92.65	1750.78	127.00	-4.72	4.72 S	20.86 E	21.38@	102.75	0.89
1814.00	2.02	91.99	1813.74	63.00	-4.81	4.81 S	23.13 E	23.62@	101.75	0.15
1878.00	1.85	80.38	1877.70	64.00	-4.68	4.68 S	25.27 E	25.70@	100.49	0.67
1941.00	1.32	66.09	1940.68	63.00	-4.21	4.21 S	26.94 E	27.26@	98.89	1.04
2004.00	1.23	87.66	2003.66	63.00	-3.89	3.89 S	28.28 E	28.54@	97.84	0.77
2099.00	1.58	104.85	2098.63	95.00	-4.19	4.19 S	30.56 E	30.85@	97.80	0.57
2195.00	1.41	99.04	2194.60	96.00	-4.71	4.71 S	33.01 E	33.34@	98.12	0.24
2290.00	1.14	101.90	2289.58	95.00	-5.09	5.09 S	35.09 E	35.45@	98.25	0.29
2385.00	0.62	116.58	2384.56	95.00	-5.51	5.51 S	36.47 E	36.88@	98.60	0.59
2478.00	0.53	117.87	2477.56	93.00	-5.94	5.94 S	37.30 E	37.77@	99.05	0.10
STRAIGHT-LINE PROJECTION TO BIT @ 2526' MD										
2526.00	0.53	117.87	2525.56	48.00	-6.15	6.15 S	37.69 E	38.19@	99.26	0.00



TIE-IN SURVEY INFORMATION SHEET

CLIENT INFORMATION

CLIENT:	YATES PETROLEUM		
LEASE / WELL No.:	STOGEY BLG ST COM	#1	
WELL LOCATION:	EDDY		
COUNTY / STATE / COUNTRY:	EDDY	NM	US
RIG:	SILVER OAK 9		
API WELL No:	30-015-36305		
JOB No:	101007720 WT-WT		
P.O. / AFE No.			
DIRECTIONAL COMPANY:	WES		

WELL SITE INFORMATION

MAGNETIC DECLINATION:			
On Wall Plat:	8.1	LWD Calculated:	8.11149
		Agreed Upon:	8.11149
X =	601884.673000	Feet	Y = 429018.115000
			Feet
SITE LATITUDE:	32.179297 N	SITE LONGITUDE:	104.137631 W
GRID SYSTEM:	TRUE ☐ UTM ☐ LAMBERT ☒	ZONE:	NEW MEXICO EAST
PROPOSED DRIFT DIRECTION:	0		
KELLY BUSHING ELEVATION:	3104		
ALTITUDE:	3079	Feet	WATER DEPTH: 0
			Feet

TIE-IN SURVEY

MEASURED DEPTH:	500		
DRIFT ANGLE:	0		
DRIFT DIRECTION:	0		
TRUE VERTICAL DEPTH:	500		
VERTICAL SECTION:	0		
RECTANGULAR COORDINATE (N / S) :	0		
RECTANGULAR COORDINATE (E / W) :	0		
CLOSURE DISTANCE / DIRECTION:	0	0	
SURVEY CALCULATION METHOD:	AA ☐	MC ☒	RC ☐ BT ☐
SOURCE OF TIE-IN DATA (COMPANY):	ASSUMED VERTICAL		
COPY OF TIE-IN SURVEY REPORT	☐ YES ☒ NO		

WELL PLAN

KICKOFF DEPTH:	650	TOTAL DEPTH:	2500
KICKOFF ANGLE:	0	MAX ANGLE:	0

PES Engineers: JAMES BURLESON
KRIS HATLEY

**Signature of both field engineers required if applicable

Directional Driller: BRAD LONG

DATE: 27-Jul-2008

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

YATES PETROLEUM
STOGEY BLG STATE COM #1H
EDDY COUNTY, NM
Rig: SILVER OAK 9

Fri Jul 25 14:09:49 2008

Coordinates

Latitude: 32.179297 N (32 deg. 10 min. 45.4699 sec.)
Longitude: 104.137631 W (-104 deg. 8 min. 15.4706 sec.)
Elevation: 3079.00 feet.
Calculation Date: Jul/25/2008

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.1274 degrees
Total Magnetic Field: 0.48841 gauss
Magnetic Declination: 8.171647 degrees
Horizontal Intensity: 0.243264 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.171647 Degr

Transverse Mercator Grid Calculations NAD83

Grid System: Transverse Mercator: new mexico east
Ellipsoid: GRS80
X: 601884.6730 feet
Y: 429018.1150 feet
True to Grid: (convergence) -0.104226 degrees
Magnetic to Grid: 8.067421 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 8.067421 Degr.

PathFinder Energy Services, Inc.

Magnetic & Grid Calculations

YATES PETROLEUM
STOGEY BLG ST COM #1
EDDY COUNTY, NM
Rig:SILVER OAK 9

Wed Aug 06 17:10:42 2008

Coordinates

Latitude: 32.179297 N (32 deg. 10 min. 45.4699 sec.)
Longitude: 104.137631 W (-104 deg. 8 min. 15.4706 sec.)
Elevation: 3079.00 feet.
Calculation Date: Aug/06/2008

Magnetic Calculations

Model: IGRF2005
Dip Angle: 60.1268 degrees
Total Magnetic Field: 0.48838 gauss
Magnetic Declination: 8.167770 degrees
Horizontal Intensity: 0.243254 gauss
To Convert a Magnetic Dir. to a TRUE North Dir. Add 8.167770 Degr

Transverse Mercator Grid Calculations NAD83

Grid System: Transverse Mercator: new mexico east
Ellipsoid: GRS80
X: 601884.6730 feet
Y: 429018.1150 feet
True to Grid: (convergence) -0.104226 degrees
Magnetic to Grid: 8.063544 degrees
To Convert a Magnetic Dir. to a GRID dir. Add 8.063544 Degr.

District I
1625 N. French Dr , Hobbs, NM 88240
District II
1301 W. Grand Avenue, Artesia, NM 88210
District III
1000 Rio Brazos Road, Aztec, NM 87410
District IV
1220 S. St Francis Dr , Santa Fe, NM 87505

State of New Mexico
Energy Minerals and Natural Resources

Form C-101
May 27, 2004

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

Submit to appropriate District Office

☐ AMENDED REPORT

APPLICATION FOR PERMIT TO DRILL, RE-ENTER, DEEPEN, PLUGBACK, OR ADD A ZONE

¹ Operator Name and Address YATES PETROLEUM CORPORATION 105 South Fourth Street Artesia, New Mexico 88210		² OGRID Number 025575
APR 29 2008 OCD-ARTESIA		³ API Number 30-015-36305
⁴ Property Code 37148	⁵ Property Name Stogey BLG State Com.	⁶ Well No. 1H
⁹ Proposed Pool 1 Willow Lake; Bone Spring W		¹⁰ Proposed Pool 2

⁷ 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	36	24S	27E		660'	North	660	East	Eddy

⁸ Proposed 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
D	36	24S	27E		660	South	330	West	Eddy

Additional Well Information

¹¹ Work Type Code N	¹² Well Type Code O	¹³ Cable/Rotary R	¹⁴ Lease Type Code S	¹⁵ Ground Level Elevation 3079'
¹⁶ Multiple No	¹⁷ Proposed Depth TVD 8320 TMD 12300	¹⁸ Formation Bone Spring	¹⁹ Contractor Not Determined	²⁰ Spud Date ASAP
Depth to Groundwater: Less than 50'		Distance from nearest fresh water well: More than 1000'		Distance from nearest surface water: more than 1000'
²¹ Pit Liner: Synthetic ☒ 12 mils thick Clay ☐ Pit Volume: 24,000 bbls Drilling Method: Closed-Loop System ☐ Fresh Water ☐ Brine ☒ Diesel/Oil-based ☐ Gas/Air ☐				

²¹ Proposed Casing and Cement Program

Hole Size	Casing Size	Casing weight/foot	Setting Depth	Sacks of Cement	Estimated TOC
14 3/4"	11 3/4"	42#	650'	425	0
11"	8 5/8"	32#	2500'	750	0
7 7/8"	5 1/2"	17#	12860' TMD	1150	1 st st. TOC 5800'
7 7/8"	5 1/2"	17#	5800' TVD	625	2 nd St. TOC 2100'

²² Describe the proposed program. If this application is to DEEPEN or PLUG BACK, give the data on the present productive zone and proposed new productive zone Describe the blowout prevention program, if any. Use additional sheets if necessary.

Yates Petroleum Corporation proposes to drill a horizontal well and test the Bone Spring/intermediate formations. Approximately 650' of surface casing will be set and cement circulated Intermediate casing will be set at 2500', cement circulated to surface. The pilot hole will be drilled to a vertical depth of 8720'. The kickoff point for the lateral will be at 7830' VD If commercial, production casing will be ran and cemented, perforated, and stimulated as need to gain production

MUD PROGRAM: 0-650' FW Gel; 650'-2500' Brine Water; 2500-3400' Fresh Water; 3400'-8720' Cut Brine; Lateral Section: 7837'-12860' Cut Brine

H2S PLAN: Sources at Yates Petroleum relayed to me that no H2S is anticipated. .

BOPE PROGRAM A 3000# BOPE will be nipped up on the 11 3/4" casing A 5000# BOPE will be installed on the 8 5/8" casing and tested daily for operational

²³ I hereby certify that the information given above is true and complete to the best of my knowledge and belief. I further certify that the drilling pit will be constructed according to NMOC guidelines ☐, a general permit ☒, or an (attached) alternative OCD-approved plan ☐.

Printed name: Cy Cowan

Title: Regulatory Agent

E-mail Address:

Date: 4/28/2004

Phone: 505-748-4376

OIL CONSERVATION DIVISION

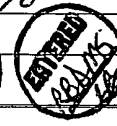
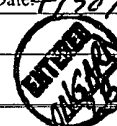
Approved by:

Title:

Approval Date: 4/30/08

Expiration Date: 4/30/10

Conditions of Approval Attached ☐



DISTRICT I
1625 N. French Dr., Hobbs, NM 88240

DISTRICT II
1301 W. Grand Avenue, Artesia, NM 88210

DISTRICT III
1000 Rio Brazos Rd., Aztec, NM 87410

DISTRICT IV
1220 S. St. Francis Dr., Santa Fe, NM 87505

State of New Mexico
Energy, Minerals and Natural Resources Department

Form C-102
Revised October 12, 2005

Submit to Appropriate District Office

State Lease - 4 Copies
Fee Lease - 3 Copies

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

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-36305	Pool Code 96415	Pool Name Willow Lake; Bone Spring W
Property Code 37148	Property Name STOGEY "BLG" STATE COM	Well Number 1H
OGRID No. 025575	Operator Name YATES PETROLEUM CORP.	Elevation 3079'

Surface Location

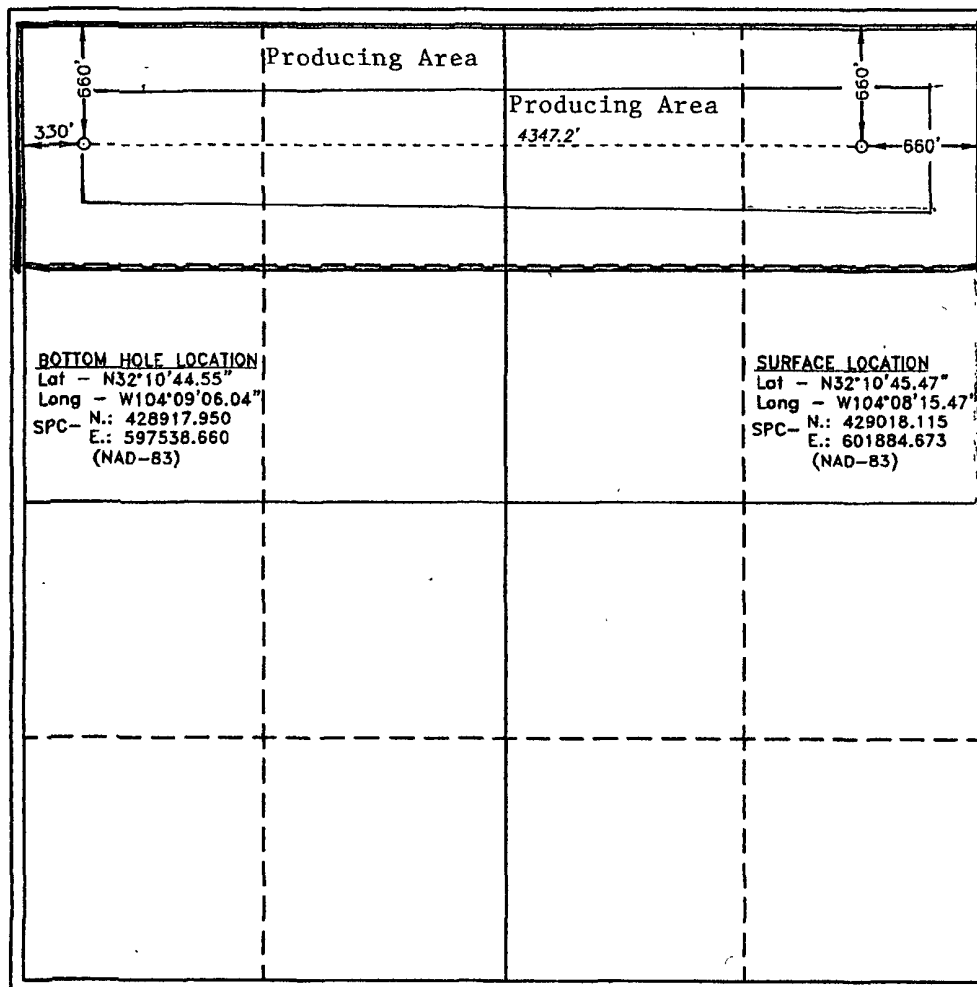
UL or lot No.	Section	Township	Range	Lot Idn	Feet from the	North/South line	Feet from the	East/West line	County
A	36	24 S	27 E		660	NORTH	660	EAST	EDDY

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
D	36	24 S	27 E		660	NORTH	330	WEST	EDDY

Dedicated Acres 160	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

	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 released mineral interest in the land including the proposed bottom hole 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. <i>Cy Cowan</i> 4/28/08 Signature Date Cy Cowan Printed Name 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. APRIL 17 2008 Date Surveyed Signature & Seal of Gary L. Jones Professional Surveyor W.O. Jones Certificate No. Gary L. Jones 7977 BASIN SURVEYS
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