

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 & Natural Resources Department
OIL CONSERVATION DIVISION
1220 South St. Francis Dr.
Santa Fe, NM 87505

Form C-102
Revised June 10, 2003
Submit to Appropriate District Office
State Lease - 4 Copies
Fee Lease - 3 Copies

☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

¹ API Number 30-015-34802	² Pool Code 97489	³ Pool Name WILDCAT WOLFCAMP
⁴ Property Code	⁵ Property Name BACH	⁶ Well Number 1
⁷ OGRID No. 015363	⁸ Operator Name MURCHISON OIL & GAS, INC.	⁹ Elevation 3961

¹⁰ Surface Location

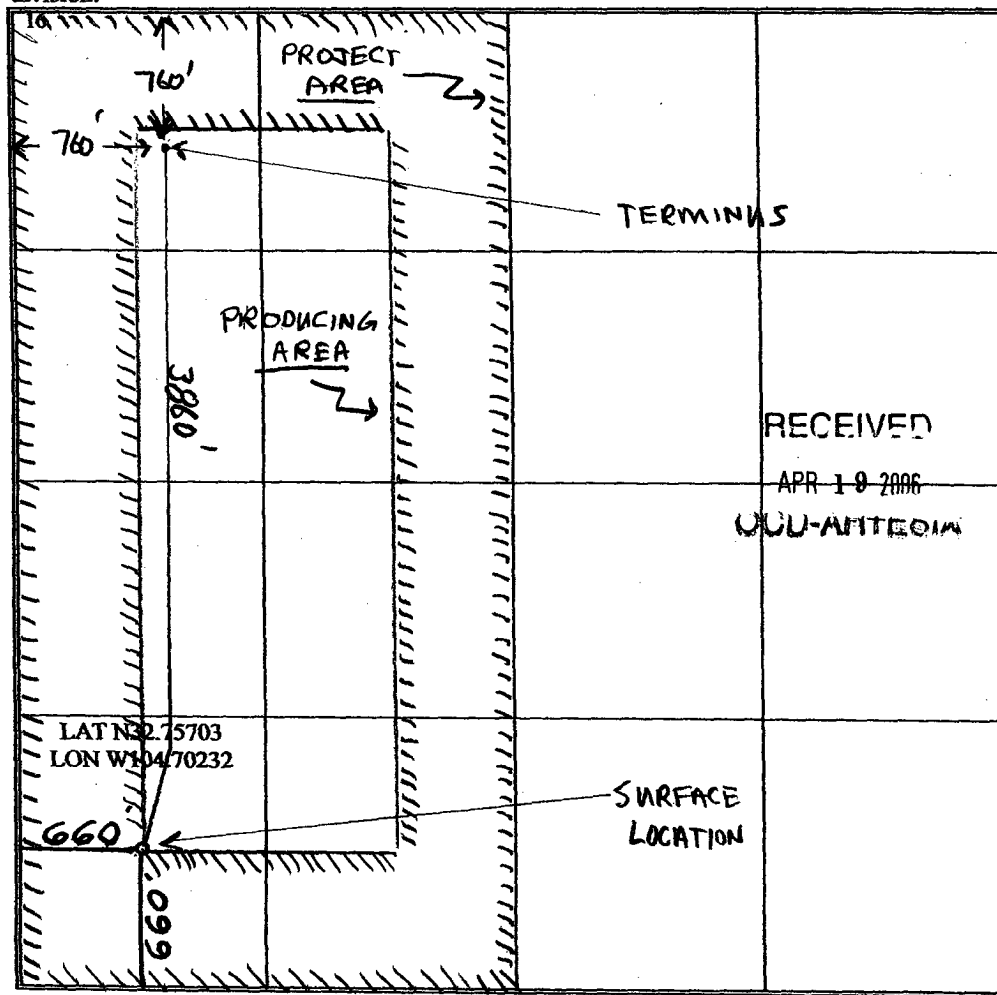
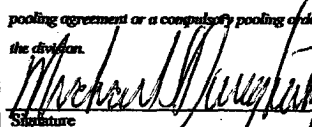
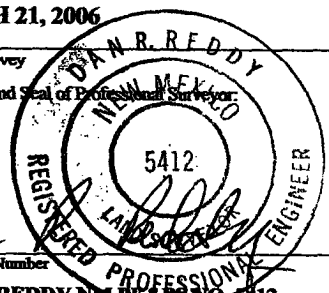
UL or lot no. M	Section 9	Township 18-S	Range 23-E	Lot Idn	Feet from the 660	North/South line SOUTH	Feet from the 660	East/West line WEST	County EDDY
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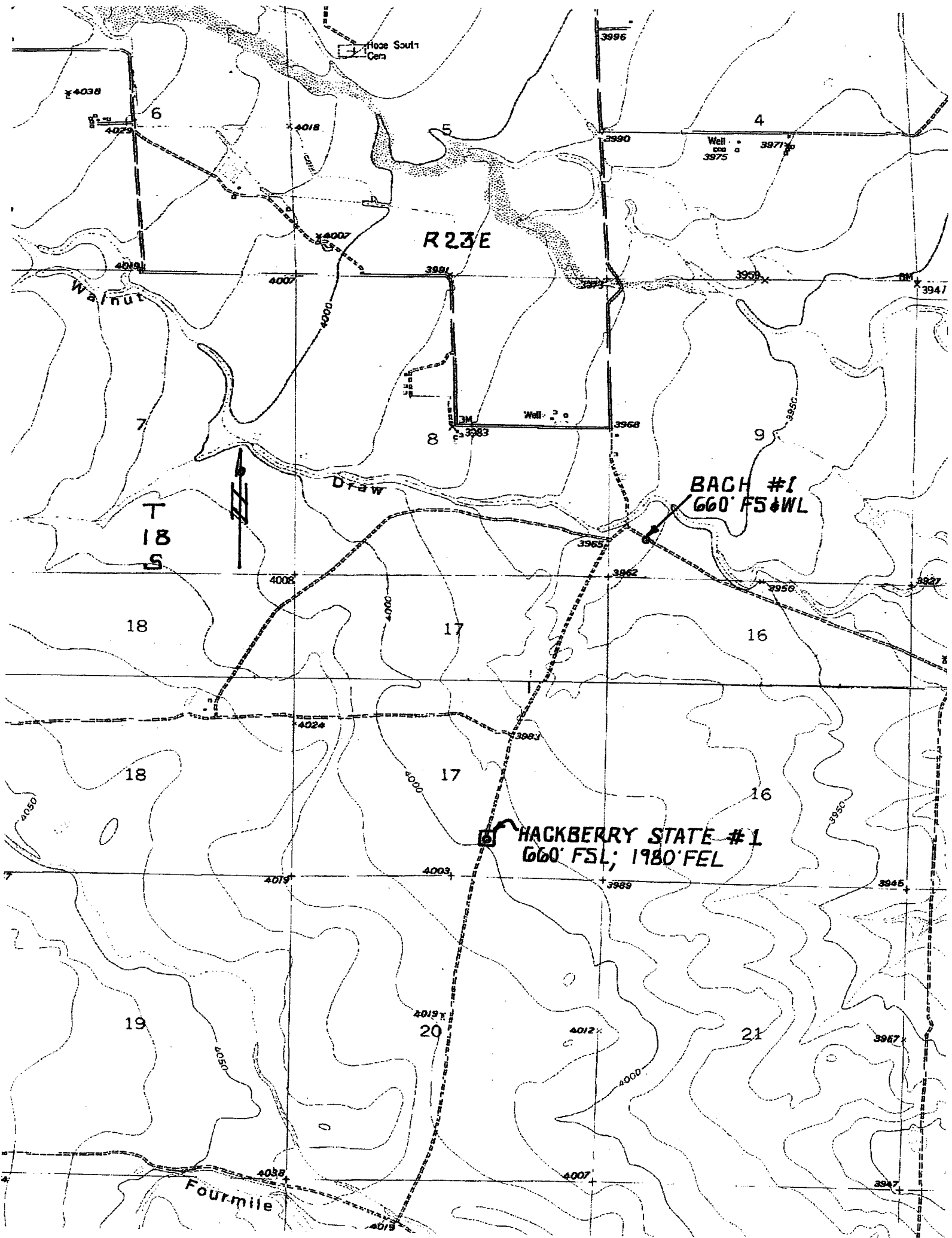
¹¹ Bottom Hole Location If Different From Surface

UL or lot no. D	Section 9	Township 18-S	Range 23-E	Lot Idn	Feet from the 760	North/South line NORTH	Feet from the 760	East/West line WEST	County EDDY
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¹² Dedicated Acre 320	¹³ Joint or Infill	¹⁴ Consolidation Code	¹⁵ 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.

	RECEIVED APR 19 2006 OCU-ANTEOIM
	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 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 working interest, or to a voluntary pooling agreement or a compulsory pooling order heretofore entered by the division.  Date 4/18/2006 Signature MICHAEL S. DAUGHERTY Printed Name
	¹⁸ 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. MARCH 21, 2006 Date of Survey Signature and Seal of Professional Surveyor  Certificate Number DAN R. REDDY NM E&S NO. 5412



R23E

BACH #1
660' FSL; WL

HACKBERRY STATE #1
660' FSL; 1980' FEL

T18S

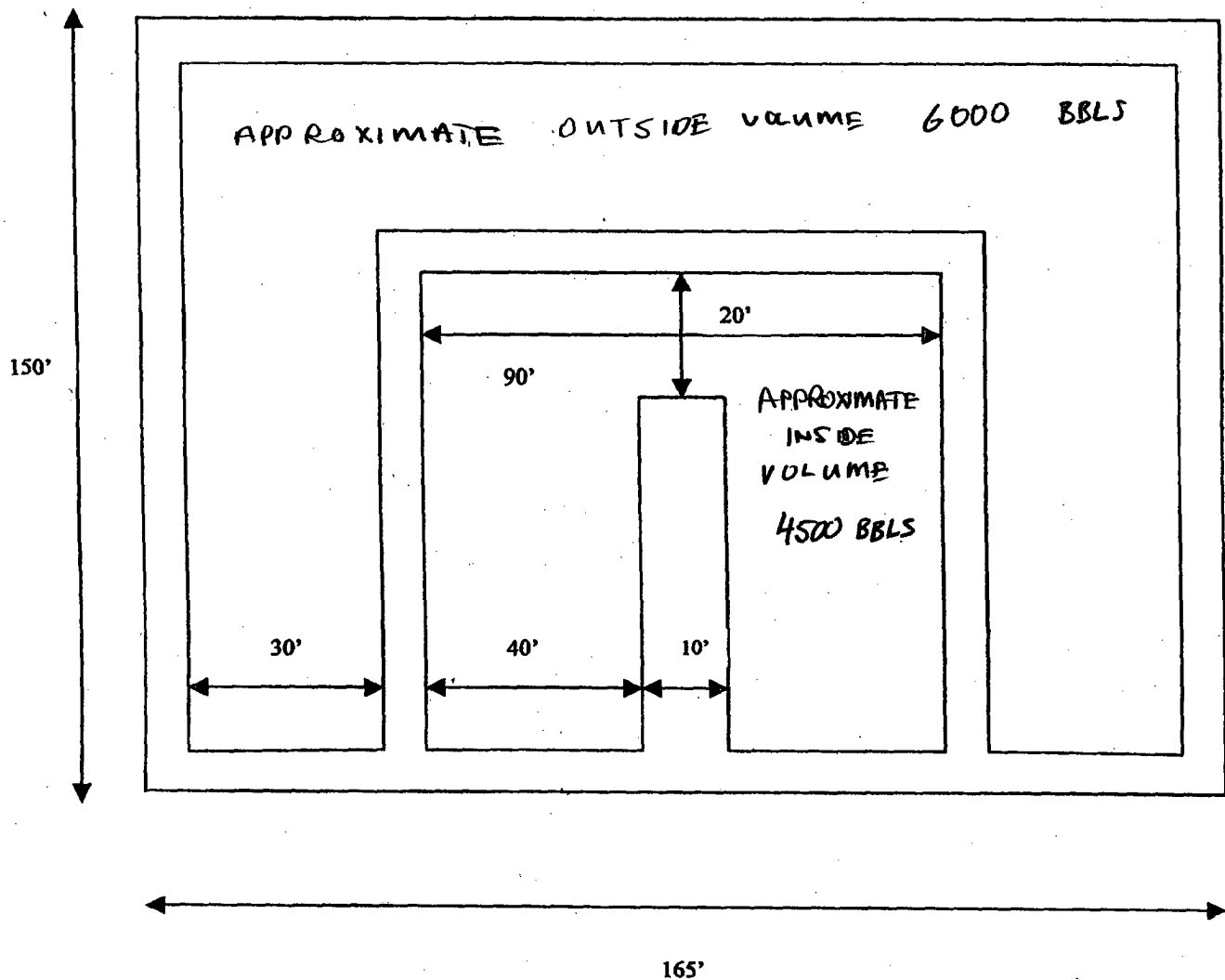
Fourmile

Walnut

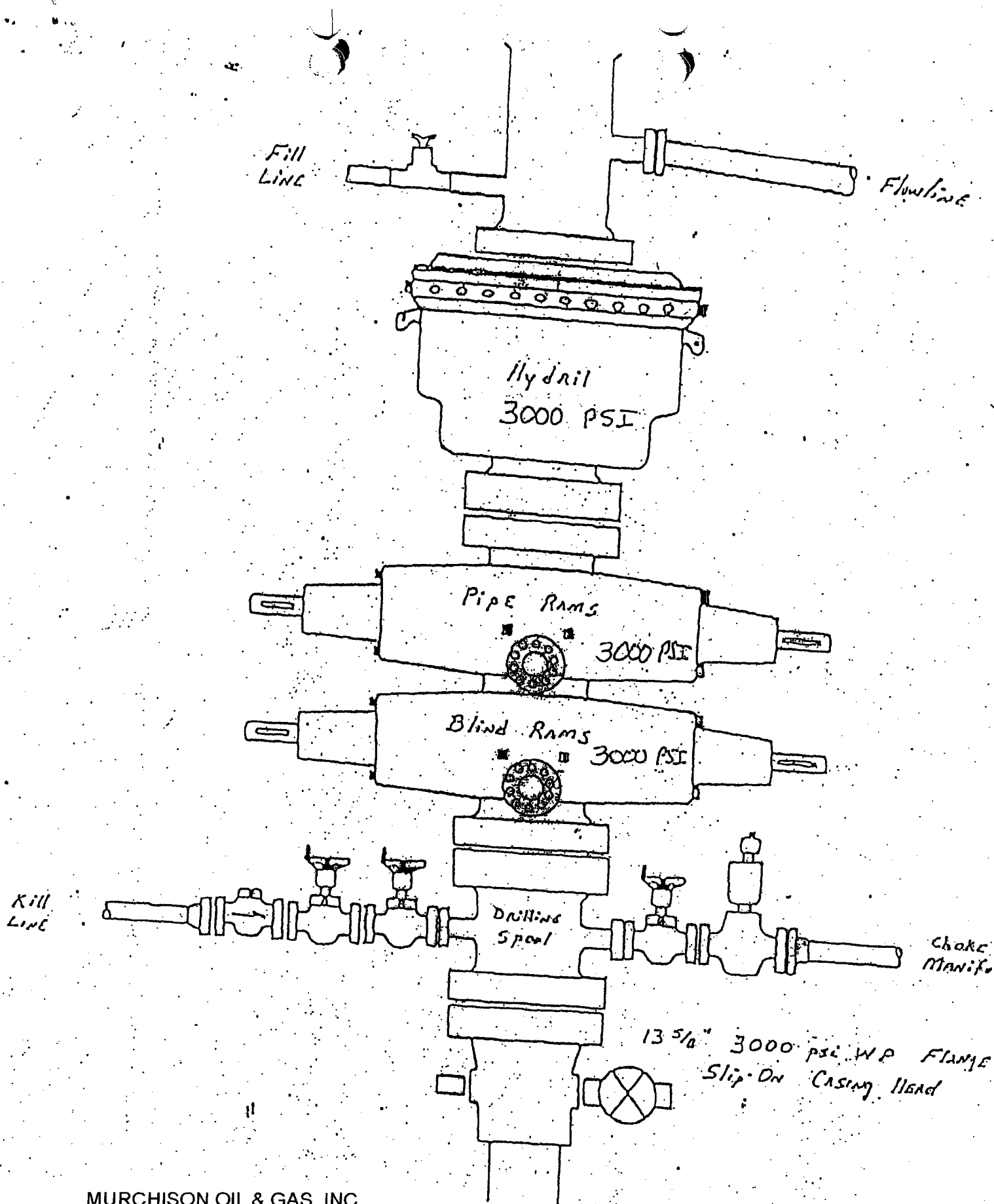
Draw

Hose South
Cern

RESERVE PIT DESIGN



MURCHISON OIL & GAS, INC.
BACH #1
660' FSL & 660' FWL
SEC. 9, T18S, R23E
EDDY CO., NM.



MURCHISON OIL & GAS, INC.

BACH #1

660' FSL & 660' FWL

SEC. 9, T18S, R23E

EDDY CO., NM.

PathFinder

Planning Report

Company: Murchison Oil & Gas	Date: 4/11/2006	Time: 14:10:30	Page: 1
Field: Hackberry State	Co-ordinate(NE) Reference: Well: Bach #1, True North		
Site: Bach #1	Vertical (TVD) Reference: System: Mean Sea Level		
Well: Bach #1	Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)		
Wellpath: Original Hole	Plan: Plan #14-11-06		

Field: Hackberry State
Section 17; T18S; R23E

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: igrf2005

Site: Bach #1

Section 9; T18S; R23E

Site Position:	Northing:	ft	Latitude:
From: Lease Line	Easting:	ft	Longitude:
Position Uncertainty:	0.00 ft		North Reference: True
Ground Level:	3961.00 ft		Grid Convergence: -0.21 deg

Well: Bach #1

Slot Name:

Well Position:	+N/-S	0.00 ft	Northing:	639329.29 ft	Latitude:	32 45 25.308 N
	+E/-W	0.00 ft	Easting:	382838.17 ft	Longitude:	104 42 52.000 W
Position Uncertainty:		0.00 ft				

Wellpath: Original Hole

Current Datum:	Mean Sea Level	Height	0.00 ft	Drilled From:	Surface
Magnetic Data:	4/11/2006			Tie-on Depth:	0.00 ft
Field Strength:	49362 nT			Above System Datum:	Mean Sea Level
Vertical Section:	Depth From (TVD)	+N/-S	ft	Declination:	8.75 deg
	ft	ft		Mag Dip Angle:	60.60 deg
				+E/-W	Direction
				ft	deg
	0.00	0.00		0.00	0.00

Plan: Plan #14-11-06

Date Composed: 4/11/2006
Version: 1
Tied-to: From Surface

Principal: Yes

Plan Section Information

MD ft	Incl deg	Azim deg	TVD ft	+N/-S ft	+E/-W ft	DLS deg/100ft	Build deg/100ft	Turn deg/100ft	TFO deg	Target
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00	0.00	
4925.51	92.90	9.30	4620.00	508.68	83.30	11.68	11.68	0.00	9.30	
5113.82	92.90	0.02	4610.45	695.92	98.56	4.92	0.00	-4.93	270.24	
8281.97	92.91	0.03	4450.00	3860.00	100.00	0.00	0.00	0.00	63.56	PBHL Bach 1

Section 1 : Start Hold

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	TFO deg
0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

Section 2 : Start Build 11.68

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	TFO deg
4300.00	19.85	9.30	4296.62	28.78	4.71	28.78	11.68	11.68	0.00	0.00
4500.00	43.21	9.30	4465.91	131.28	21.50	131.28	11.68	11.68	0.00	0.00
4700.00	66.56	9.30	4580.16	291.62	47.75	291.62	11.68	11.68	0.00	0.00
4900.00	89.92	9.30	4620.63	483.51	79.18	483.51	11.68	11.68	0.00	0.00
4925.51	92.90	9.30	4620.00	508.68	83.30	508.68	11.68	11.68	0.00	0.00

District I

1625 N. French Dr., Hobbs, NM 88240
Phone:(505) 393-6161 Fax:(505) 393-0720

District II

1301 W. Grand Ave., Artesia, NM 88210
Phone:(505) 748-1283 Fax:(505) 748-9720

District III

1000 Rio Brazos Rd., Aztec, NM 87410
Phone:(505) 334-6178 Fax:(505) 334-6170

District IV

1220 S. St Francis Dr., Santa Fe, NM 87505
Phone:(505) 476-3470 Fax:(505) 476-3462

State of New Mexico
Energy, Minerals and Natural Resources

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

Form C-102
Permit 27961

WELL LOCATION AND ACREAGE DEDICATION PLAT

1. API Number	2. Pool Code 97489	3. Pool Name WILDCAT; WOLFCAMP GAS
4. Property Code	5. Property Name BACH	6. Well No. 001
7. OGRID No. 15363	8. Operator Name MURCHISON OIL & GAS INC	9. Elevation 3961

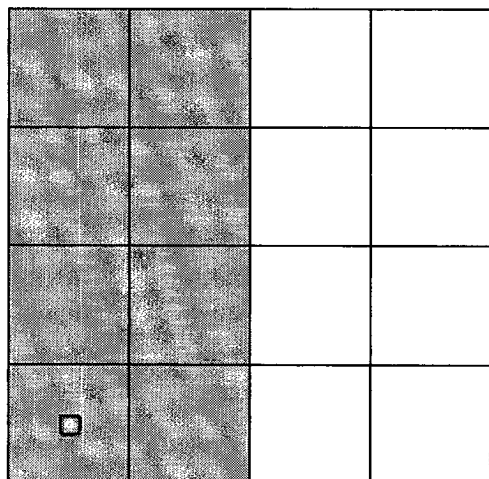
10. Surface Location

UL - Lot M	Section 9	Township 18S	Range 23E	Lot Idn	Feet From 660	N/S Line S	Feet From 660	E/W Line W	County EDDY
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11. Bottom Hole Location If Different From Surface

UL - Lot	Section	Township	Range	Lot Idn	Feet From	N/S Line	Feet From	E/W Line	County
12. Dedicated Acres 320.00	13. Joint or Infill		14. Consolidation Code		15. 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

**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(s) 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.

E-Signed By: Michael Daugherty

Title: Vice President Operations

Date: 4/19/2006

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.

Surveyed By: Dan Reddy

Date of Survey: 3/21/2006

Certificate Number: 5412

PathFinder

Planning Report

Company: Murchison Oil & Gas
 Field: Hackberry State
 Site: Bach #1
 Well: Bach #1
 Wellpath: Original Hole

Date: 4/11/2006 Time: 14:10:30
 Co-ordinate(NE) Reference: Well: Bach #1, True North
 Vertical (TVD) Reference: System: Mean Sea Level
 Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
 Plan: Plan #14-11-06

Page: 2

Section 3 : Start Turn -4.93

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	TFO deg
4926.00	92.90	9.28	4619.98	509.16	83.38	509.16	4.92	0.02	-4.93	-89.76
5100.00	92.90	0.70	4611.15	682.11	98.47	682.11	4.92	0.00	-4.93	-89.77
5113.82	92.90	0.02	4610.45	695.92	98.56	695.92	4.92	-0.02	-4.93	-90.20

Section 4 : Start DLS 0.00 TFO 63.56

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	TFO deg
5300.00	92.90	0.02	4601.03	881.86	98.63	881.86	0.00	0.00	0.00	63.56
5500.00	92.90	0.02	4590.91	1081.60	98.70	1081.60	0.00	0.00	0.00	63.56
5700.00	92.90	0.02	4580.79	1281.35	98.78	1281.35	0.00	0.00	0.00	63.56
5900.00	92.90	0.02	4570.67	1481.09	98.86	1481.09	0.00	0.00	0.00	63.56
6100.00	92.90	0.02	4560.54	1680.83	98.94	1680.83	0.00	0.00	0.00	63.56
6300.00	92.90	0.02	4550.42	1880.58	99.02	1880.58	0.00	0.00	0.00	63.56
6500.00	92.90	0.03	4540.29	2080.32	99.11	2080.32	0.00	0.00	0.00	63.56
6700.00	92.90	0.03	4530.16	2280.06	99.20	2280.06	0.00	0.00	0.00	63.56
6900.00	92.90	0.03	4520.03	2479.81	99.29	2479.81	0.00	0.00	0.00	63.56
7100.00	92.90	0.03	4509.90	2679.55	99.39	2679.55	0.00	0.00	0.00	63.56
7300.00	92.90	0.03	4499.77	2879.29	99.48	2879.29	0.00	0.00	0.00	63.56
7500.00	92.90	0.03	4489.63	3079.04	99.58	3079.04	0.00	0.00	0.00	63.56
7700.00	92.90	0.03	4479.50	3278.78	99.69	3278.78	0.00	0.00	0.00	63.56
7900.00	92.91	0.03	4469.36	3478.52	99.79	3478.52	0.00	0.00	0.00	63.56
8100.00	92.91	0.03	4459.22	3678.26	99.90	3678.26	0.00	0.00	0.00	63.56
8281.97	92.91	0.03	4450.00	3860.00	100.00	3860.00	0.00	0.00	0.00	63.56

Survey

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
4100.00	0.00	0.00	4100.00	0.00	0.00	0.00	0.00	0.00	0.00	Start of 12° / 100' Build
4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00	0.00	
4300.00	19.85	9.30	4296.62	28.78	4.71	28.78	11.68	11.68	0.00	
4500.00	43.21	9.30	4465.91	131.28	21.50	131.28	11.68	11.68	0.00	
4700.00	66.56	9.30	4580.16	291.62	47.75	291.62	11.68	11.68	0.00	
4900.00	89.92	9.30	4620.63	483.51	79.18	483.51	11.68	11.68	0.00	End of Build @ 92.91° Inc
4925.51	92.90	9.30	4620.00	508.68	83.30	508.68	11.68	11.68	0.00	
4926.00	92.90	9.28	4619.98	509.16	83.38	509.16	4.92	0.02	-4.93	
5100.00	92.90	0.70	4611.15	682.11	98.47	682.11	4.92	0.00	-4.93	
5113.82	92.90	0.02	4610.45	695.92	98.56	695.92	4.92	-0.02	-4.93	
5300.00	92.90	0.02	4601.03	881.86	98.63	881.86	0.00	0.00	0.00	
5500.00	92.90	0.02	4590.91	1081.60	98.70	1081.60	0.00	0.00	0.00	
5700.00	92.90	0.02	4580.79	1281.35	98.78	1281.35	0.00	0.00	0.00	
5900.00	92.90	0.02	4570.67	1481.09	98.86	1481.09	0.00	0.00	0.00	
6100.00	92.90	0.02	4560.54	1680.83	98.94	1680.83	0.00	0.00	0.00	
6300.00	92.90	0.02	4550.42	1880.58	99.02	1880.58	0.00	0.00	0.00	
6500.00	92.90	0.03	4540.29	2080.32	99.11	2080.32	0.00	0.00	0.00	
6700.00	92.90	0.03	4530.16	2280.06	99.20	2280.06	0.00	0.00	0.00	
6900.00	92.90	0.03	4520.03	2479.81	99.29	2479.81	0.00	0.00	0.00	
7100.00	92.90	0.03	4509.90	2679.55	99.39	2679.55	0.00	0.00	0.00	
7300.00	92.90	0.03	4499.77	2879.29	99.48	2879.29	0.00	0.00	0.00	
7500.00	92.90	0.03	4489.63	3079.04	99.58	3079.04	0.00	0.00	0.00	
7700.00	92.90	0.03	4479.50	3278.78	99.69	3278.78	0.00	0.00	0.00	
7900.00	92.91	0.03	4469.36	3478.52	99.79	3478.52	0.00	0.00	0.00	
8100.00	92.91	0.03	4459.22	3678.26	99.90	3678.26	0.00	0.00	0.00	
8281.97	92.91	0.03	4450.00	3860.00	100.00	3860.00	0.00	0.00	0.00	PBHL Bach 1

PathFinder Planning Report

Company: Murchison Oil & Gas
Field: Hackberry State
Site: Bach #1
Well: Bach #1
Wellpath: Original Hole

Date: 4/11/2006 **Time:** 14:10:30 **Page:** 3
Co-ordinate(NE) Reference: Well: Bach #1, True North
Vertical (TVD) Reference: System: Mean Sea Level
Section (VS) Reference: Well (0.00N,0.00E,0.00Azi)
Plan: Plan #14-11-06

Targets

Name	Description Dip. Dir.	TVD ft	+N/-S ft	+E/-W ft	Map Northing ft	Map Easting ft	← Latitude → Deg Min Sec			← Longitude → Deg Min Sec		
PBHL Bach 1		4450.00	3860.00	100.00	643188.91	382952.06	32	46	3.504 N	104	42	50.829 W

Annotation

MD ft	TVD ft	
4130.00	4130.00	KOP @ 4130' MD 4130' TVD
4130.00	4130.00	Start of 12" / 100' Build
4926.00	4619.98	End of Build @ 92.91° Inc. 4926' MD 4620' TVD

Murchison Oil & Gas

Field: Hackberry State

Site: Bach #1

Well: Bach #1

Wellpath: Original Hole
Plan: Plan #14-11-06

PATHFINDER
ENERGY SERVICES

SECTION DETAILS									
Sec	MD	Inc	Adj	TVD	-N/S	-E/W	Drag	Trace	V-sec Target
1	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
3	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
4	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
5	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
6	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
7	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
8	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
9	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
10	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
11	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
12	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
13	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
14	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
15	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
16	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
17	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
18	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
19	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
20	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
21	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
22	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
23	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
24	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
25	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
26	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
27	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
28	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
29	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
30	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
31	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
32	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
33	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
34	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
35	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
36	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
37	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
38	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
39	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
40	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
41	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
42	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
43	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
44	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
45	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
46	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
47	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
48	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
49	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
50	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
51	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
52	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
53	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
54	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
55	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
56	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
57	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
58	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
59	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
60	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
61	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
62	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
63	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
64	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
65	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
66	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
67	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
68	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
69	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
70	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
71	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
72	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
73	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
74	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
75	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
76	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
77	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
78	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
79	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
80	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
81	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
82	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
83	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
84	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
85	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
86	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
87	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
88	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
89	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
90	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
91	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
92	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
93	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
94	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
95	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
96	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
97	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
98	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
99	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00
100	4130.00	0.00	0.00	4130.00	0.00	0.00	0.00	0.00	0.00

COMPANY DETAILS

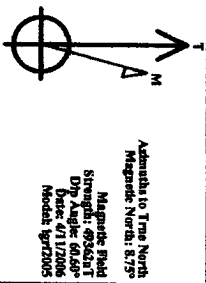
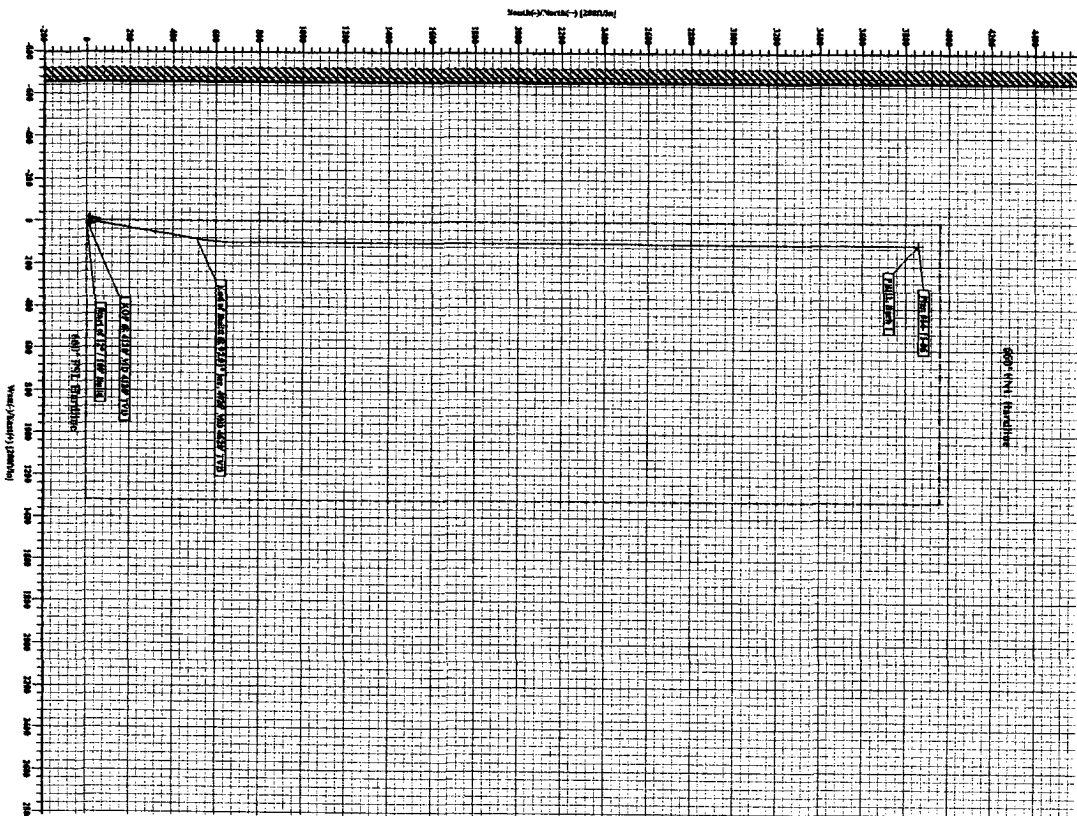
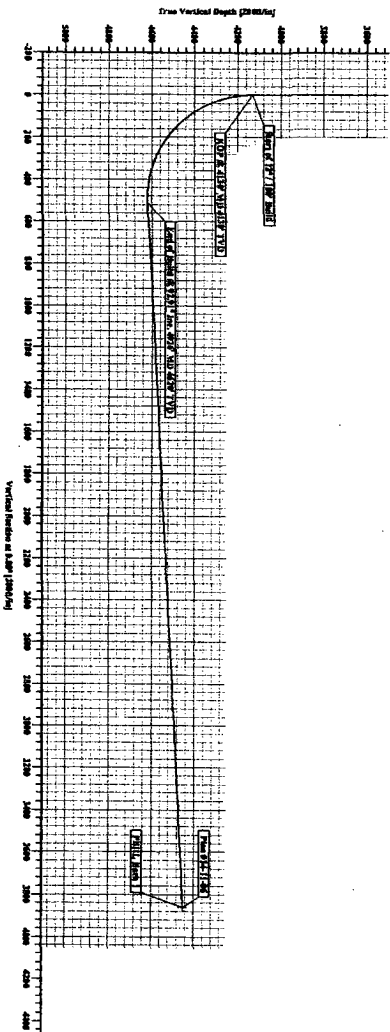
Calculation Method: Minimum Curvature
Error System: Symmetric Ellipse
Scan Method: Linear Approach 3D
Warning Method: Error Ratio

SITE DETAILS

Bach #1
Section 9, T18S, R23E
Ground Level: 3961.00
Positional Uncertainty: 0.00
Convergence: -0.21

ANNOTATIONS

No.	TVD	MD	Annotation
1	4130.00	4130.00	KOP @ 4130' MD 4130' TVD
2	4130.00	4130.00	Start of 12" / 100' Build
3	4619.94	4926.00	End of Build @ 9.291° Inc. 4926' MD 4620' TVD



MURCHISON OIL & GAS, INC.

**BACH #1
SEC. 9, T18S, R23E
660' FSL & 660' FWL
EDDY CO., NM.**

MUD PROGRAM

<u>DEPTH</u>	<u>WEIGHT</u>	<u>CHLORIDES</u>	<u>VISCOSITY</u>	<u>FILTRATE</u>
0' – 1000'	8.6 – 8.8	0 – 10K	28 – 34	NO CONTROL
1000' – 4,400'	8.8 – 9.2	0 – 10K	28 – 34	NO CONTROL
4,400' – 5,100'	8.8 – 9.2	0 – 40K	28 – 34	10-15 WL
4,200' – 8,981'	9.0 – 9.4	40 – 60K	40 – 45	10-20 WL

PH to be maintained at 10 or above



April 18, 2006

Mr. Bryan Arrant
State of New Mexico
Oil Conservation Commission
1301 W. Grand Avenue
Artesia, New Mexico 88210

RECEIVED
APR 19 2006
OCD-ARTESIA

**RE: BACH #1
660' FSL & 660' FWL
SEC. 9, T18S, R23E
EDDY CO., NM.**

Dear Bryan:

I am writing to request a waiver for the inclusion of an H2S Contingency Plan for the Bach #1. The current plan is to complete this well in the Wolfcamp, which is sweet, and I do not anticipate encountering any H2S bearing formations during drilling operations.

Very truly yours,

MURCHISON OIL & GAS, INC.


Michael S. Daugherty
Vice President Operations

MSD/ct/Bach#1-OCDH2S



VIA FEDERAL EXPRESS

April 18, 2006

Mr. Bryan Arrant
State of New Mexico
Oil Conservation Division
District II
1301 W. Grand Avenue
Artesia, New Mexico 88210-2834

RECEIVED
APR 19 2006
OCD-ARTESIA

**RE: BACH #1
EDDY COUNTY, NM.**

Dear Mr. Arrant:

Please find attached the following:

- 1) Form C-102 (Loc. Plat)
- 2) Form C-144 – Original + 6 copies
- 3) Mud Program
- 4) Letter to OCD regarding H2S contingency plan

Please note that Form C-101 (APD) will be submitted online.

If you have any questions please call me.

Very truly yours,

MURCHISON OIL & GAS, INC.

Carla Tracy
Carla Tracy

Ct/Bach#1-C102etc

Encl.