

JUN 19 2009

30.015.36722

James Ranch Unit 112H

TABLE 1

Summary of Oil and Gas Activity within One Mile of the WIPP Perimeter
FY09 – 2nd Quarter

Completed Wells

Owner	Well Name	Deviation Log Required	Start Date	Complete Date	Total Depth Feet
EOG/BASS	JAMES Ranch Unit 112H	Yes	01/12/09	01/29/09	12,070

*Information not captured in previous quarterly report.

Wells In Progress at Quarter's End

Owner	Well Name	Deviation Log Required	Start Date	Complete Date	Total Depth

Inbox (Two-Line View)

Items 1 to 25 of 26



New - Help

Log Off

 Recei
! |
APD for James Ranch Unit 112H

Valett, Gene

To: McCauslin, Susan**Cc:** Siegel, Joel; Rivas, Aurelio; Sjomeling, Dave; Josey, Raeburn

Susan: On 13MAY08 WRES received a copy of the Application for Permit to Drill (APD) prepared by the Bureau of Land Management (BLM) for a well proposed by EOG Resources, Inc. The proposed well is:

James Ranch Unit 112H located on the surface at 500' FSL, 200' FEL in Section 36 of T23S, R30E with a bottom hole location of 660' FSL, 330' FEL in Section 31 of T22S, R31E.

This location was verified in the field on 24APR08 by WTS employees and was found to be located as stated on the APD.

It should be noted that this well will be completed under the WIPP Land Withdrawal Area at an estimated vertical depth of 7,600'. The EOG Resources, Inc. lease starts at a depth of 6,000'. Drilling activity will not intrude the WLWA from the surface to a depth of 6,000'. Documents in the APD package indicate that the lease will be entered at an angle somewhere between 7,200 and 7,500 feet below the surface.

The documents in the APD application provided by the BLM indicates a pad dimension of 600' x 600'. The footprint of the proposed pad location encroaches upon the WLWA by crossing the west line of Section 31 of T22S, R31E. Since the eastern portion of the proposed pad is on the WLWA, no excavation, stockpiling, storage of equipment, or storage of chemicals is allowed on that portion of the pad footprint without an approved Land Use Request from the WIPP Land Management Coordinator. The WIPP Land Withdrawal Area boundary has been clearly marked in the field by WTS employees.

The surface location of the proposed well is located within 330' of the WIPP Land Withdrawal Area boundary. As a result, EOG Resources, Inc. is required to submit daily logs and deviation survey information to the Department of Energy per requirements of the Joint Powers Agreement. Information from these wells will be provided to Mr. Bryan Arrant of the Oil Conservation Division after drilling activities have been completed. Any future entry into the wells for the purpose of completing additional drilling will require supplemental information.

EOG Resources, Inc. can email the required information to me at gene.valett@wipp.ws or fax to my attention at 575-234-6062. My office number is 575-234-8261 if I need to be contacted by EOG Resources, Inc. or their agents for further discussion.

Please contact me at one of the numbers listed below if this matter requires further attention.
Thanks. GLV

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
APPLICATION FOR PERMIT TO DRILL OR REENTER

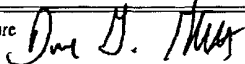
FORM APPROVED
OMB No 1004-0137
Expires March 31, 2007

1a. Type of work. ☒ DRILL ☐ REENTER		5. Lease Serial No. NM 02953-c
1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other ☐ Single Zone ☐ Multiple Zone		6. If Indian, Allottee or Tribe Name
2. Name of Operator EOG Resources, Inc.		7. If Unit or CA Agreement, Name and No
3a. Address P.O. Box 2267 Midland, TX 79702		8. Lease Name and Well No. JAMES RANCH UNIT 112H
3b. Phone No. (include area code) 432-686-3642		9. API Well No. 30-015-
4. Location of Well (Report location clearly and in accordance with any State requirements*) At surface 500' FSL & 200' FEL (U/L P), Sec, 36, T22S-R30E At proposed prod. zone 660' FSL & 330' FEL (U/L P), Sec 31, T22S-R31E		10. Field and Pool, or Exploratory Southeast Quahada Ridge Delaware
14. Distance in miles and direction from nearest town or post office* Approx 15 miles NE from Loving, NM		11. Sec, T, R, M. or Blk and Survey or Area Section 31, T22S-R31E, N.M.P.M.
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig unit line, if any) 330'	16. No. of acres in lease 160	12. County or Parish Eddy
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft 1300'	19. Proposed Depth 7,600' TVD; 12,298 TMD	13. State NM
20. BLM/BIA Bond No. on file NM2308	21. Elevations (Show whether DF, KDB, RT, GL, etc) GL 3313	17. Spacing Unit dedicated to this well S/2 S/2
22. Approximate date work will start* 07/15/2008	23. Estimated duration 30 days	

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, must be attached to this form.

- | | |
|---|---|
| 1. Well plat certified by a registered surveyor. | 4. Bond to cover the operations unless covered by an existing bond on file (see Item 20 above). |
| 2. A Drilling Plan | 5. Operator certification |
| 3. A Surface Use Plan (if the location is on National Forest System Lands, the SUPO must be filed with the appropriate Forest Service Office) | 6. Such other site specific information and/or plans as may be required by the BLM. |

25. Signature 	Name (Printed/Typed) Donny G. Glanton	Date 05/07/2008
Title Sr. Lease Operations ROW Representative		
Approved by (Signature)	Name (Printed/Typed)	Date
Title	Office	

Application approval does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.
Conditions of approval, if any, are attached.

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.

*(Instructions on page 2)

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 October 12, 2005
Submit to Appropriate District Office
State Lease- 4 Copies
Fee Lease- 3 Copies
☐ AMENDED REPORT

WELL LOCATION AND ACREAGE DEDICATION PLAT

API Number 30-015-	Pool Code 50443	Pool Name Southeast Okahada Ridge- Delaware
Property Code	Property Name JAMES RANCH UNIT	Well Number 112H
OGRID No. 7377	Operator Name EOG RESOURCES, INC.	Elevation 3313.3'

Surface Location

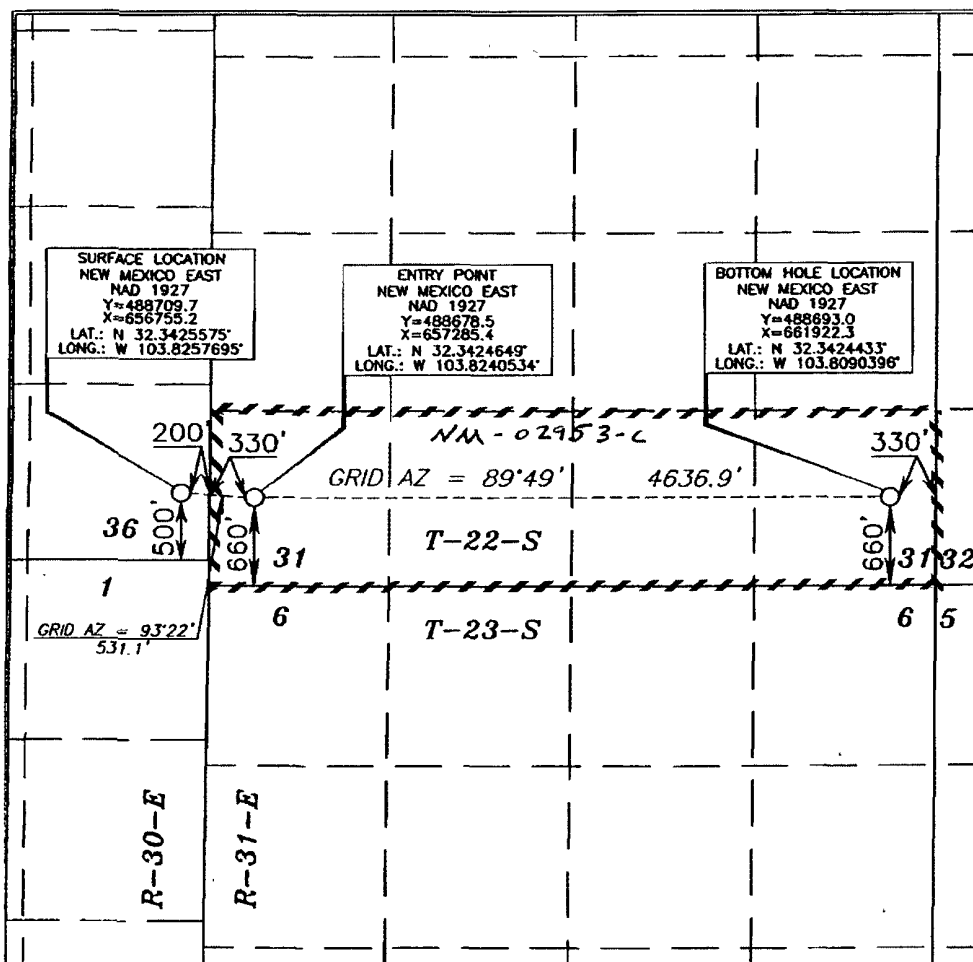
UL or lot no.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
P	36	22 SOUTH	30 EAST, N.M.P.M.		500'	SOUTH	200'	EAST	EDDY

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
P	31	22 SOUTH	31 EAST, N.M.P.M.		660'	SOUTH	330'	EAST	EDDY

Dedicated Acres	Joint or Infill	Consolidation Code	Order No.
320			

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 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.

 Signature Date

Donny G. Glatton
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.

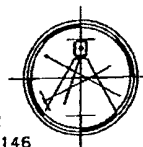
REGISTERED
 15079
 2008
 APRIL 15, 2008
 Date of Survey
 Signature and Seal of
 Professional Surveyor
 JERRY D. BELL
 4/9/2009
 Certificate Number 15079

WO# 080415WL (Rev. A)(KA)

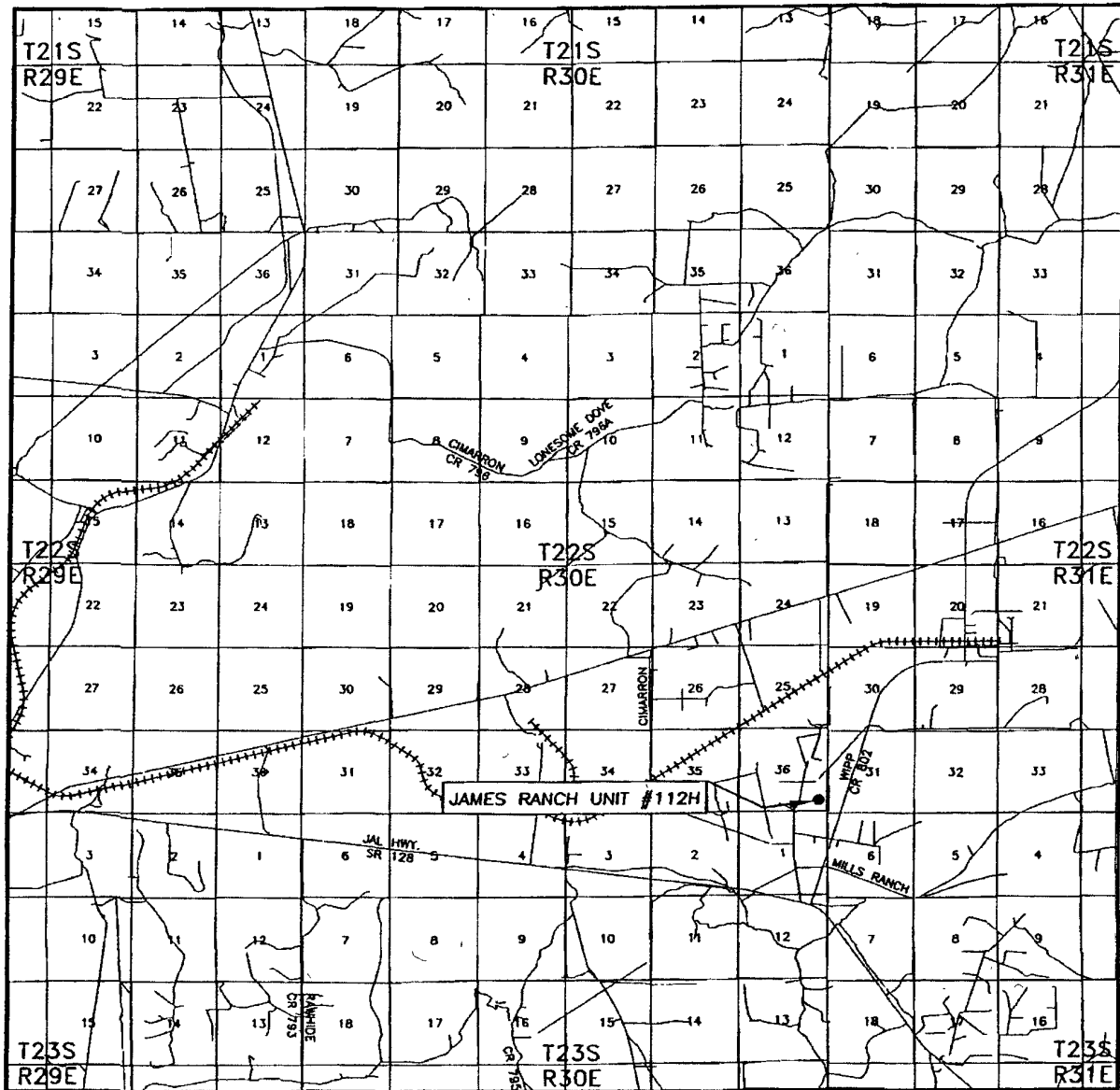
CONTOUR INTERVAL: 10'

U.S.G.S. TOPOGRAPHIC MAP
LOS MEDANOS, N.M.

P.O. BOX 393 - 310 W. TAYLOR
HOBBS, NEW MEXICO - 575-393-9146



VICINITY MAP

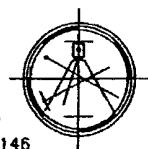


SEC. 36 TWP. 22-S RGE. 30-E
 SURVEY N.M.P.M.
 COUNTY EDDY
 DESCRIPTION 500' FSL & 200' FEL
 ELEVATION 3313.3'
 OPERATOR EOG RESOURCES INC.
 LEASE JAMES RANCH UNIT #112H

SCALE: 1" = 2 MILES

Asel Surveying

P.O. BOX 393 - 310 W. TAYLOR
 HOBBS, NEW MEXICO - 575-393-9146



DIRECTIONS BEGINNING AT THE INTERSECTION OF STATE HWY. #31 AND (OLD) STATE HWY. #128, GO EAST ON HWY. #128 FOR 10.2 MILES, TURN NORTH ON EDDY COUNTY ROAD #802 (WIPP ROAD) FOR 0.8 MILES, GO WEST ON LEASE ROAD FOR 0.4 MILES, NORTH ON LEASE ROAD FOR 0.25 MILES, EAST ON LEASE ROAD FOR 0.2 MILES, NORTH ON LEASE ROAD FOR 0.1 MILES, EAST FOR 0.1 MILES TO LOCATION.

SECTION 36, TOWNSHIP 22 SOUTH, RANGE 30 EAST, N.M.P.M.,
 SECTION 31, TOWNSHIP 22 SOUTH, RANGE 31 EAST, N.M.P.M.,
 EDDY COUNTY NEW MEXICO

Exhibit 2a

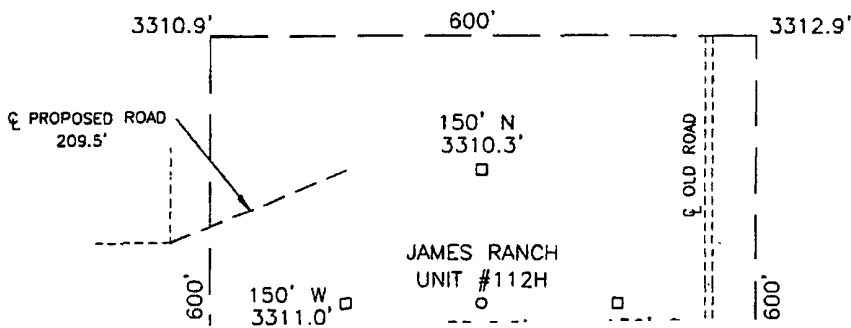
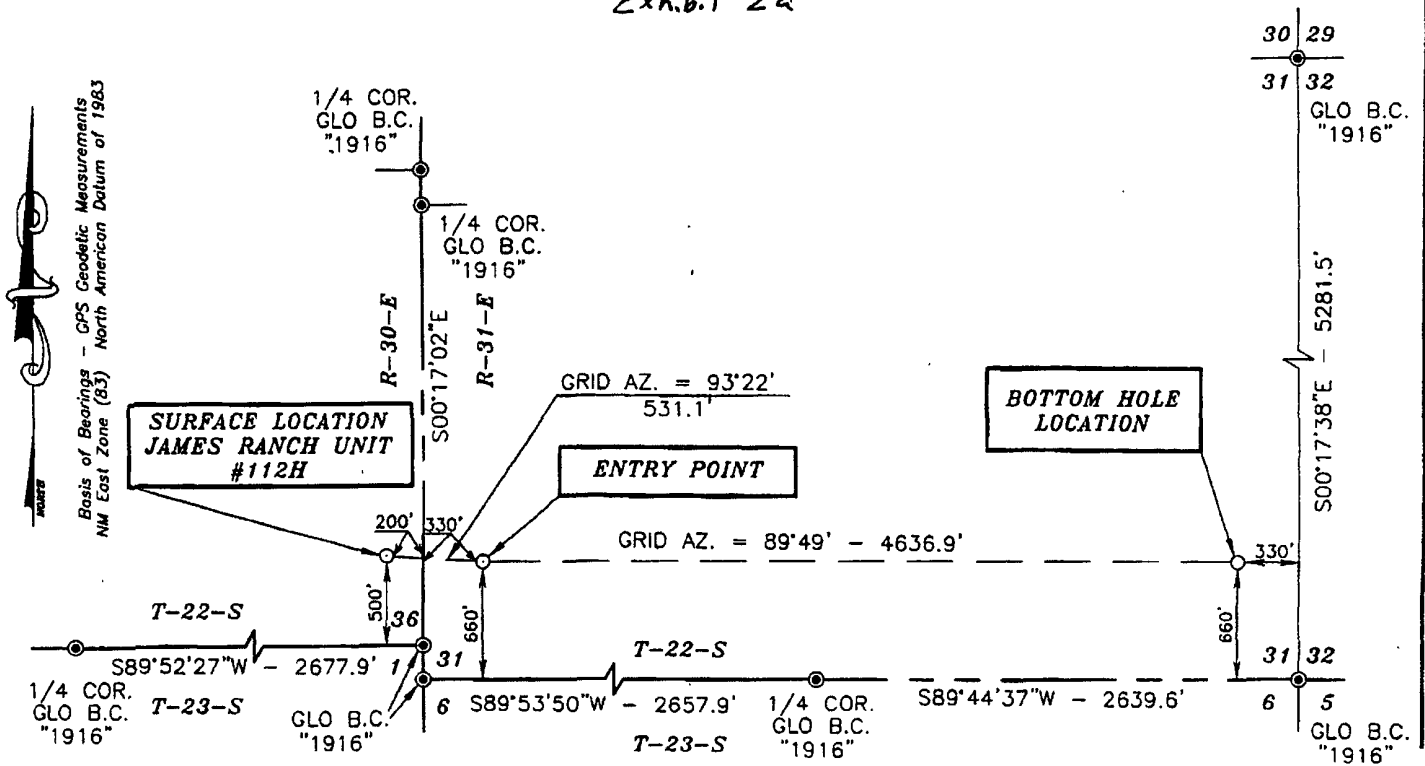
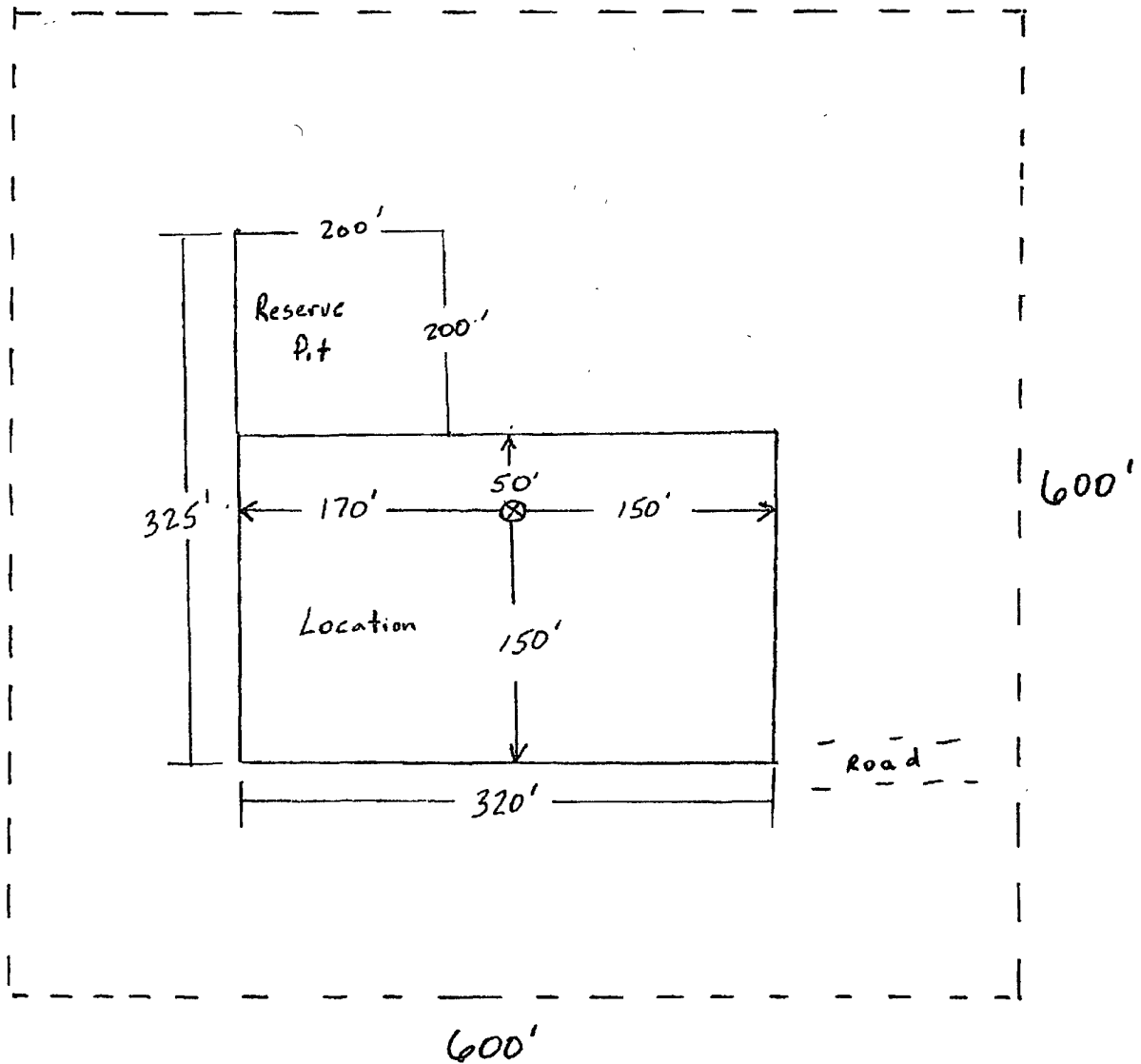
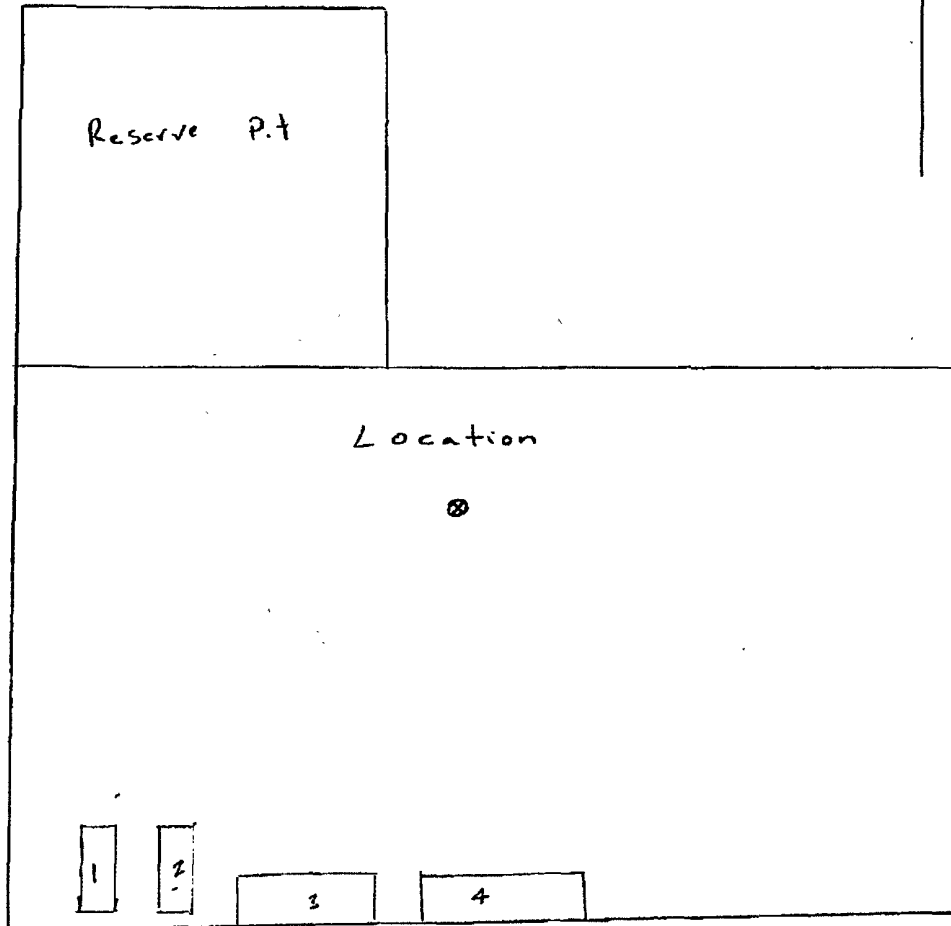


EXHIBIT "4"

James Ranch Unit #112H



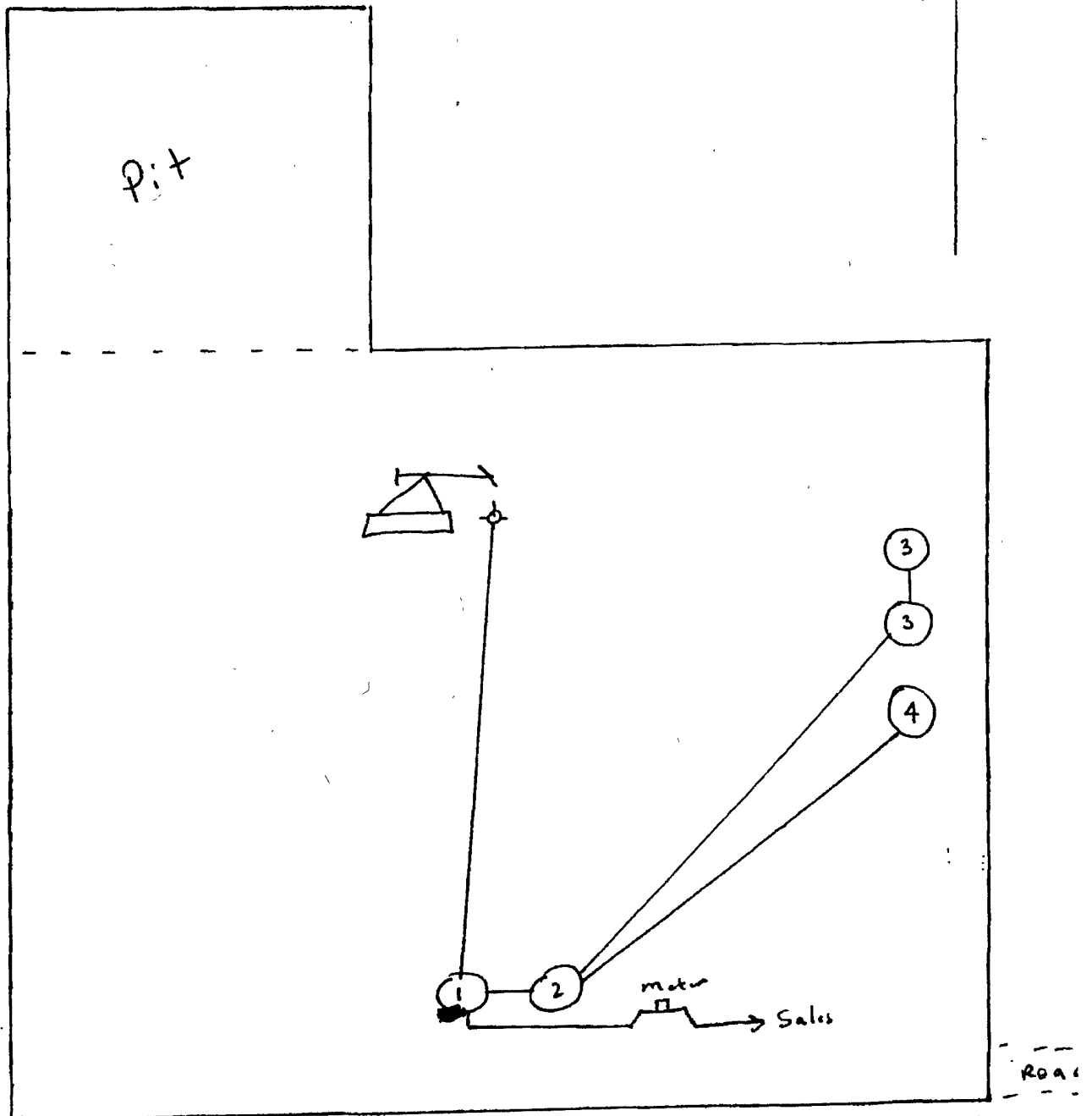
WELL NAME: James Ranch Unit #112H



Items 1-4: Drilling Trailers

Production Facility Layout

James Ranch Unit 112H



1. Separator

3. 0:1 Tank

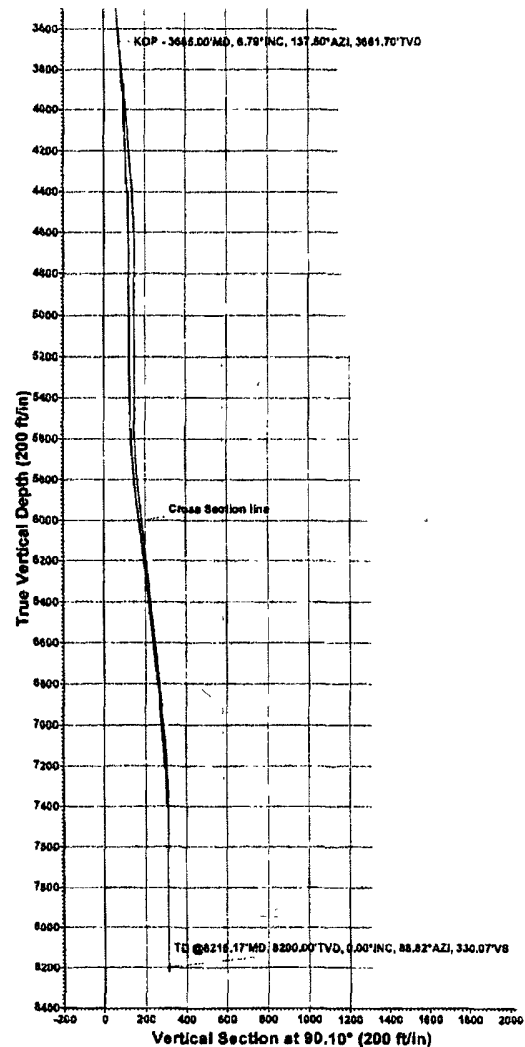
2. Heater

4. Water Tank

"Not To Scale"



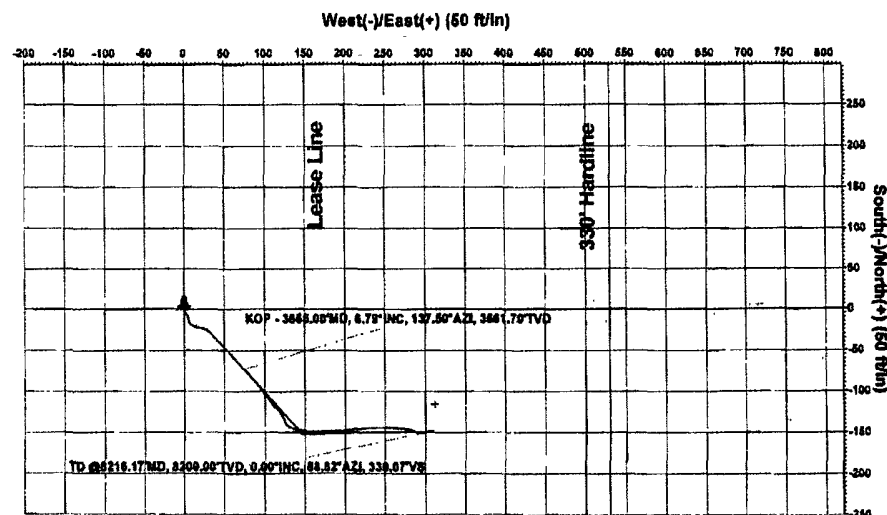
Azimuths to Grid North
 True North: -0.27°
 Magnetic North: 7.72°
 Magnetic Field
 Strength: 48928.7 nT
 Dip Angle: 60.32°
 Date: 1/12/2009
 Model: IGRF200810



Project: Eddy County
 Site: James Ranch Unit #112H
 Well: James Ranch #112
 Wellbore: Pilot Hole
 Plan: Plan #1 (James Ranch #112/Pilot Hole)

WELL DETAILS: James Ranch #112					
Ground Elevation: 3313.30					
RKB Elevation: WELL @ 3332.308 (McVay 4 RKB = 19')					
Rig Name: McVay 4 RKB = 19'					
+N-S	+E-W	North	East	Latitude	Longitude
0.00	0.00	486709.700	666766.250	32° 20' 33.207" N	103° 40' 32.770" W

Sec	MD	Inc	Azi	TVD		Dlog	TFace	VSec	Target
				+N-S	+E-W				
1	3668.00	6.79	137.50	3661.70	-73.02	74.70	0.00	0.00	74.83
2	3980.00	6.00	137.50	3944.32	-100.58	99.48	0.00	0.00	99.58
3	4190.00	6.00	137.50	4142.37	-120.99	118.29	0.00	0.00	118.50
4	4760.00	0.00	0.00	4740.43	-181.42	146.54	1.33	180.00	146.81
5	5508.28	0.00	87.50	5498.71	-181.42	146.54	0.09	87.50	146.81
6	5809.28	0.00	88.82	5798.18	-181.10	182.23	2.08	88.82	182.50
7	7016.44	0.00	88.82	6998.71	-148.50	368.28	0.00	0.00	368.65
8	7416.44	0.00	0.00	7397.97	-148.07	308.31	1.56	180.00	308.87
9	8216.37	0.00	88.82	8198.70	-148.07	308.31	0.00	88.82	308.87



WELLBORE TARGET DETAILS (MAP CO-ORDINATES)					
Name	TVD	+N-S	+E-W	North	East
PSHL (James Ranch)	8200.00	-18.70	5187.10	486693.005	661922.300
PSHL (TOB200000 Hole)	-115.65	311.64	486694.050	657066.740	Point

PROJECT DETAILS: Eddy County
 Geodetic System: US State Plane 1927 (Exact solution)
 Datum: NAD 1927 (NADCON CONUS)
 Ellipsoid: Clarke 1866
 Zone: New Mexico East 3001
 System Datum: Mean Sea Level
 Local North: Grid

Plan: Plan #1 (James Ranch #112/Pilot Hole)	
Created By: Aaron Peltz	Date: 12-03, January 29 2009
Checked: _____	Date: _____



OPERATIONS SUMMARY REPORT

WELL NAME: JAMES RANCH UNIT #112H

AFE NO: 103961

RIG NAME: 4

WELL ID NO.: 043416

FIELD NAME: UNASSIGNED

API NO.:

EVENT NO.: 1

EVENT DESC.:

DATE: 12/17/2008 DSS: DEPTH: 0 MUD WT: CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
24 00				COST UPDATE FOR LOCATION & TITLE OPINION

DATE: 1/12/2009 DSS: DEPTH: 80 MUD WT: CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
12 00	D	OT		RIG UP PREPARE TO SPUD

DATE: 1/13/2009 DSS: 1 DEPTH: 655 MUD WT: 8.50 CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
1 50	D	OT		RIG INSPECTION. HOLD SAFETY AND OPERATIONAL MEETING SPUD 0730 HRS 1/12/09
4 00	D	DL		DRILL 80'- 337' GPM=456 WOB=20-50K, ROT=100 RPM, AVG PR=64'/HR
0 50	D	SU		SURVEY
9 50	D	DL		DRILL 337'- 655' GPM=456 WOB=50K ROT=100RPM AVG PR=34'/HR
0 50	D	CA		CIRCULATE
1 00	D	OT		RIG UP CASING CREW AND HOLD SAFETY MEETING CALLED BLM (TERRY)
1 50	D	RC		RUN 15 JIS 13-3/8", 48# H40, STC, CASING SET @ 653'
0 50	D	CA		CIRCULATE
2 00	D	CM		CEMENT, LEAD- 210 SXS 35/65 POZ C + 4% GEL + 5% NACL, TAIL- 340 SXS CLASS C + CELLOFLAKE DISPLACE 96 BBLs FRESH WATER BUMPED PLUG TO 800 PSI FLOATS HELD CIRCULATED 83 SXS TO SURFACE
3 00	D	OT		WOC



OPERATIONS SUMMARY REPORT

WELL NAME: JAMES RANCH UNIT #112H

AFE NO. 103961

RIG NAME: 4

WELL ID NO. 043416

FIELD NAME UNASSIGNED

API NO.:

EVENT NO.: 1

EVENT DESC.:

DATE: 1/14/2009

DSS: 2

DEPTH: 1,200

MUD WT: 10.00

CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
15.00	D	OT		WOC NIPPLE UP TEST 2000# HIGH 250# LOW TEST CASING TO 1000 PSI DRILL CEMENT 610'-655'
5.00	D	DL		DRILL 655'-993' GPM=400 M=100 RPM WOB=30K, ROT= 60 RPM, AVG. PR=56"/HR
1.00	D	OT		UNPLUG FLOWLINE, RUBBER AND CEMENT
3.00	D	DL		DRILL 993'-1200' GPM=400 M=100 RPM WOB=30K ROT=60 RPM, AVG. PR=69"/HR



To Joel Siegel

Company :

Fax Number : 1-575-234-6003

Phone Number :

From : Sandy Traughber

Fax Number : 6863761

Phone Number

Time Sent : Thursday, Jan 15, 2009 08:26AM

Pages 2

Description : JAMES RANCH UNIT #112H

DOMESTIC DAILY DRILLING REPORT

DATE: 1/15/2009

WELL: JAMES RANCH UNIT #112H ACTIVITY DRILLING RPT No: 5 DSS 3 CREATE DATE 1/15/2009
 FIELD UNASSIGNED CLASS: DRILL WELL TYPE: CEVO
 STATE NM EDOY DIVISION: MIDLAND
 AREA: MIDLAND PLAN TVD/MD 7,603 / 12,600 AFE#: 103981
 PROGRESS: 1480 CURR TVD/MD 2,680 / 2,680 DAILY ROP: 65.78 WATER DEPTH
 SPUD DATE: 1/12/2009 HRS 22:50 PROP#: C42415 LEAKOFF?
 CASING 13.375 in SHOE TVD/MD 653 / 653 PH NBR: 281-833-2749 RLS DATE:
 RIG CONTR: MCVAY RIG: 4 FOREMAN: LYNN CLAYTON
 DAILY COST CUM. COST TO DATE

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations in Sequence (6 AM - 6 AM)
06:00	12:00	6:00	D	DL	DRILL 1200 1648' GPM=400 M=100 RPM WOB=30K ROT=60 RPM AVG. PR=75'/HR
12:00	12:30	0:30	D	SU	SURVEY
12:30	18:30	6:00	D	DL	DRILL 1648 2142' GPM=400 M=100 RPM WOB=30K ROT=60 RPM AVG. PR=82'/HR
18:30	19:00	0:30	D	SU	SURVEY
19:00	04:30	9:30	D	DL	DRILL 2142' 2644' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG. PR=53'/HR
04:30	05:00	0:30	D	SU	SURVEY
05:00	06:00	1:00	D	DL	DRILL 2644' 2680' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG. PR=35'/HR

24.00 - Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SUF	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	T	O	B	G	R
2	2	ULTRERA	12.250	1138	5438	655		2.025	30.50	66.38	10	10	10	30.00	160.00					

BHA# 2					MUD PROPERTIES					HYDRAULICS				
Qty	Description	ID	OD	Length	Time	05:00	Solids			Std Pipe	250			
1	BIT		12.250	1.50	MW	10	Oil			PUMP#1		PUMP#2		PUMP#3
1	MUD MOTOR		7.750	28.55	VISC	28	10 sec Gel			# Cyl	3		3	
1	FLOAT SUB	2.750	8.000	3.60	pH	10.0	10 min Gel			SPM	105			
1	ROLLER REAMER	2.750	12.250	7.75	Chl	40000	CA	100.00		Liner Id	6.500	6.500		
1	STEEL DC	2.750	8.000	29.75	WL		Pm			SL	9.00	9.00		
1	INTERGAL BLADE	2.750	12.250	7.55	HTHP		Pt			Rod Dia	3.00	3.00		
2	STEEL DC	2.750	8.000	59.55	FC		Ex Lime			ER %	98	98		
1	CROSSOVER	2.500	8.250	3.50	PV	0	Elec Stat			GPM	399	0	0	
15	STEEL DC	2.500	8.250	447.75	YP	0	MBT			SLOW PUMP RATES				
Total BHA Length 589.50					LCM					SPM				
										PRSR				
										AV(DP)	0.0	AV(DC)	113.6	
										Jet Vel	251.1	PSID Prop	562.9	
										Bit HP	131.0	HP/m2	1.1	

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N-S	+E-W	DL	Mud Additive	Used
287	0.25	287		0.63	0.63	0.00	0.09	LIME	5
620	0.50	620		2.91	2.81	0.00	0.08	PAPER	26
1,069	0.50	1,069		5.72	6.72	0.00	0.00	SEAL	5
1,568	0.75	1,568		12.17	12.17	0.00	0.05		
2,067	1.00	2,067		13.79	19.79	0.00	0.05		
2,569	1.25	2,569		29.64	29.64	0.00	0.05		

WEATHER

TIME	BAR	PITCH	deg	WIND	kts	TEMP	ROLL	deg	G & A	deg
WIND		HEAVE	ft	STACK		deg	WAVE		MAX @	deg

WELL: JAMES RANCH UNIT #112H
FIELD: UNASSIGNED
STATE: NM EDDY
AREA: MIDLAND
PROGRESS: 1480
SPUD DATE: 1/12/2009
RIG CONTR: MCVAY
DAILY COST:

ACTIVITY: DRILLING

PLAN TVD/MD: 7.600 / 12.600

CURR TVD/MD: 2.680 / 2.680

HRS: 22.50 **PROP#:** 043416

CASING: 13.375 in. **SHOE TVD/MD:** 653 / 653

RIG: 4

CUM. COST TO DATE:

RPT No: 5 **DSS:** 3 **CREATE DATE:** 1/15/2009

CLASS: DRIL **WELL TYPE:** DEVO

DIVISION: MIDLAND

API#: **AFE#:** 103961

DAILY ROP: 65.78 **WATER DEPTH:**

LEAKOFF?:

PH NBR: 281-833-2749 **RLS DATE:**

FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06:00	12:00	6.00	D	DL	DRILL 1200'- 1648', GPM=400, M=100 RPM, WOB= 30K, ROT= 60 RPM, AVG. PR= 75'/HR
12:00	12:30	0.50	D	SU	SURVEY
12:30	18:30	6.00	D	DL	DRILL 1648'- 2142', GPM=400, M= 100 RPM, WOB=30K, ROT=60 ROM, AVG. PR= 82'/HR
18:30	19:00	0.50	D	SU	SURVEY
19:00	04:30	9.50	D	DL	DRILL 2142'- 2644', GPM=400, M=100 RPM, WOB=35K, ROT= 60 RPM, AVG. PR=53'/HR
04:30	05:00	0.50	D	SU	SURVEY
05:00	06:00	1.00	D	DL	DRILL 2644'- 2680', GPM=400, M= 100 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 35'/HR

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
2	2	ULTERRA	12.250	1188	5438	655		2,025	30.50	66.39	10	10	10	30.00	160.00					

BHA# : 2				
Qty	Description	I.D	O.D.	Length
1	BIT		12.250	1.50
1	MUD MOTOR		7.750	28.55
1	FLOAT SUB	2.750	8.000	3.60
1	ROLLER REAMER	2.750	12.250	7.75
1	STEEL DC	2.750	8.000	29.75
1	INTERGAL BLADE	2.750	12.250	7.55
2	STEEL DC	2.750	8.000	59.55
1	CROSSOVER	2.500	6.250	3.50
15	STEEL DC	2.500	6.250	447.75

Total BHA Length: 589.50

MUD PROPERTIES	
Time:	06 00 Solids:
MW:	10 Oil:
VISC:	28 10 sec Gel:
pH:	10.0 10 min Gel:
Chl:	140000 CA 400.00
WL:	Pm:
HTHP:	Pf:
FC:	Ex Lime:
PV:	0 Elec Stab:
YP:	0 MBT:
LCM:	

HYDRAULICS			
Std Pipe:	1250		
	PUMP#1	PUMP#2	PUMP#3
# Cyl:	3	3	
SPM:	105		
Liner Id:	6.500	6.500	
S.L.:	9.00	9.00	
Rod Dia:	3.00	3.00	
Eff %:	98	98	
GPM:	399	0	0
SLOW PUMP RATES			
SPM:			
PRSR:			
AV(DP):	0.0	AV(DC):	113.6
Jet Vel:	251.1	PSI Drop:	562.9
Bit HP:	131.0	HP/in2:	1.1

SURVEYS							
MD	Angle	TVD	Dir	V. Sect.	+N/-S	+E/-W	D.L.
287	0.25	287		0.63	0.63	0.00	0.09
620	0.50	620		2.81	2.81	0.00	0.08
1,069	0.50	1,069		6.72	6.72	0.00	0.00
1,568	0.75	1,568		12.17	12.17	0.00	0.05
2,067	1.00	2,067		19.79	19.79	0.00	0.05
2,569	1.25	2,569		29.64	29.64	0.00	0.05

Mud Used	
Mud Additive	Used
LIME	5
PAPER	26
SEAL	5

WEATHER

TIME **BAR:** **PITCH:** **deg** **VDL:** **kips** **TEMP:** **ROLL:** **deg** **G & A:** **deg**
WIND: **/** **HEAVE:** **ft** **STACK:** **deg** **WAVE** **/** **MAX @** **ft** **B.J:** **deg**

WELL: JAMES RANCH UNIT #112H FIELD: UNASSIGNED STATE: NM EDDY AREA: MIDLAND PROGRESS: 840 SPUD DATE: 1/12/2009 RIG CONTR: MCVAY DAILY COST:	ACTIVITY: DRILLING PLAN TVD/MD: 7,600 / 12,600 CURR TVD/MD: 3,520 / 3,520 HRS: 19.50 CASING: 13.375 in. SHOE TVD/MD: 653 / 653 RIG: 4 CUM. COST TO DATE:	RPT No: 6 DSS: 4 CREATE DATE: 1/16/2009 CLASS: DRIL WELL TYPE: DEVO DIVISION: MIDLAND API#: AFE#: 103961 DAILY ROP: 43.08 WATER DEPTH: LEAKOFF?: PH NBR: 281-833-2749 RLS DATE: FOREMAN: LYNN CLAYTON
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FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations in Sequence (6 AM - 6 AM)
06 00	18.00	12.00	D	DL	DRILL 2680'-3175', GPM=400, M=100RPM, WOB=35K, ROT= 60 RPM, AVG. PR=41'/HR
18:00	18.30	0.50	D	SU	SURVEY
18 30	00:00	5.50	D	DL	DRILL 3175'-3420', GPM=400, M=120 RPM, WOB=35K, ROT= 60 RPM, AVG. PR=45'/HR MUD MOTOR PRESSURED UP
00:00	04:00	4.00	D	TR	TRIP FOR MOTOR
04:00	06 00	2.00	D	DL	DRILL 3420'-3520', GPM=400, M=100 RPM, WOB=35K, ROT= 60 RPM, AVG. PR= 50'/HR

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
2	2	ULTERRA	12.250	1188	5438	655		2,865	50.00	57.30	10	10	10	30.00	160.00					

BHA# : 2					MUD PROPERTIES		HYDRAULICS			
Qty	Description	I.D.	O.D.	Length	Time	06:00 Solids:	Std Pipe:	1250		
1	BIT		12.250	1.50	MW:	10 Oil.	# Cyl.	3	PUMP#1	PUMP#2
1	MUD MOTOR		7.750	28.55	VISC:	28 10 sec Gel	SPM:	105	3	
1	FLOAT SUB	2.750	8.000	3.60	pH:	10.0 10 min Gel	Liner Id.	6.500	6.500	
1	ROLLER REAMER	2.750	12.250	7.75	Chl:	140000 CA: 400.00	S.L.:	9.00	9.00	
1	STEEL DC	2.750	8.000	29.75	WL:	Pm:	Rod Dia:	3.00	3.00	
1	INTERGAL BLADE	2.750	12.250	7.55	HTHP:	Pf:	Eff %:	98	98	
2	STEEL DC	2.750	8.000	59.55	FC:	Ex Lime	GPM:	399	0	0
1	CROSSOVER	2.500	6.250	3.50	PV:	0 Elec Stab	SLOW PUMP RATES			
15	STEEL DC	2.500	6.250	447.75	YP:	0 MBT:	SPM:			
Total BHA Length: 589.50					LCM		PRSR:			
							AV(DP)	0.0	AV(DC)	113.6
							Jet Vel	251.1	PSI Drop:	562.9
							Bit HP:	131.0	HP/in2:	1.1

SURVEYS								Mud Used	
MD	Angle	TVD	Dir.	V Sect	+N/-S	+E/-W	D.L	Mud Additive	Used
287	0.25	287		0.63	0.63	0.00	0.09		
620	0.50	620		2.81	2.81	0.00	0.08		
1,069	0.50	1,069		6.72	6.72	0.00	0.00		
1,568	0.75	1,568		12.17	12.17	0.00	0.05		
2,067	1.00	2,067		19.79	19.79	0.00	0.05		
2,569	1.25	2,569		29.64	29.64	0.00	0.05		
3,095	2.50	3,094		46.85	46.85	0.00	0.24		

WEATHER

TIME:	BAR:	PITCH:	deg	VDL:	kips	TEMP:	ROLL:	deg	G & A:	deg
WIND:	/	HEAVE:	ft	STACK:	deg	WAVE:	/	MAX @:	ft	B.J.



To: Joel Siegel

Company :

Fax Number : 1-575-234-6003

Phone Number :

From : Sandy Traugher

Fax Number : 6863761

Phone Number

Time Sent : Friday, Jan 16, 2009 07:21AM

Pages : 2

Description : JAMES RANCH UNIT #112H

Today's Date 1/16/2009



OPERATIONS SUMMARY REPORT

WELL NAME: JAMES RANCH UNIT #112H
 RIG NAME: 4
 FIELD NAME: UNASSIGNED
 EVENT NO.: 1

AFE NO: 103961
 WELL ID NO.: 043415
 API NO:
 EVENT DESC.

DATE: 1/15/2009 DSS: 3 DEPTH: 2,530 MUD WT: 10.00 CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
5:00	D	DL		DRILL 1200'-1548' GPM=400 M=100 RPM WOB=30K ROT=60 RPM AVG PR=75/HR
0:50	D	SU		SURVEY
5:00	D	DL		DRILL 1548'-2142' GPM=400 M=100 RPM WOB=30K ROT=60 RPM AVG PR=32/HR
0:50	D	SU		SURVEY
9:50	D	DL		DRILL 2142'-2544' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG PR=53/HR
0:50	D	SU		SURVEY
1:00	D	DL		DRILL 2544'-2580' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG PR=35/HR

DATE: 1/16/2009 DSS: 4 DEPTH: 3,520 MUD WT: 10.00 CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
12:00	D	DL		DRILL 2580'-3175' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG PR=41/HR
0:50	D	SU		SURVEY
5:50	D	DL		DRILL 3175'-3420' GPM=400 M=120 RPM WOB=35K ROT=60 RPM AVG PR=45/HR MUD MOTOR PRESSURED UP
1:00	D	TR		TRIP FOR MOTOR
2:00	D	DL		DRILL 3420'-3520' GPM=400 M=100 RPM WOB=35K ROT=60 RPM AVG PR=50/HR



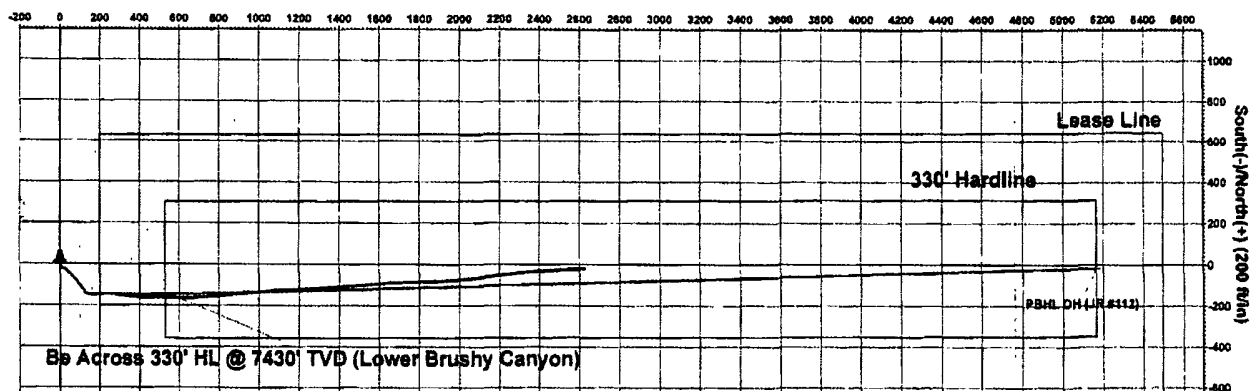
Azimuths to Grid North
True North: -0.27°
Magnetic North: 7.72°

Magnetic Field
Strength: 48927.6nT
Dip Angle: 60.32°
Date: 01/16/2009
Model: IGRF200610

PATHFINDER

ENERGY SERVICES

ft(-)/East(+) (200 ft/in)



WELL DETAILS: James Ranch #112

Ground Elevation: 3312.30
RKB Elevation: WELL @ 3332.308 (McVay 4 RKB = 19')
Rig Name: McVay 4 RKB = 19'

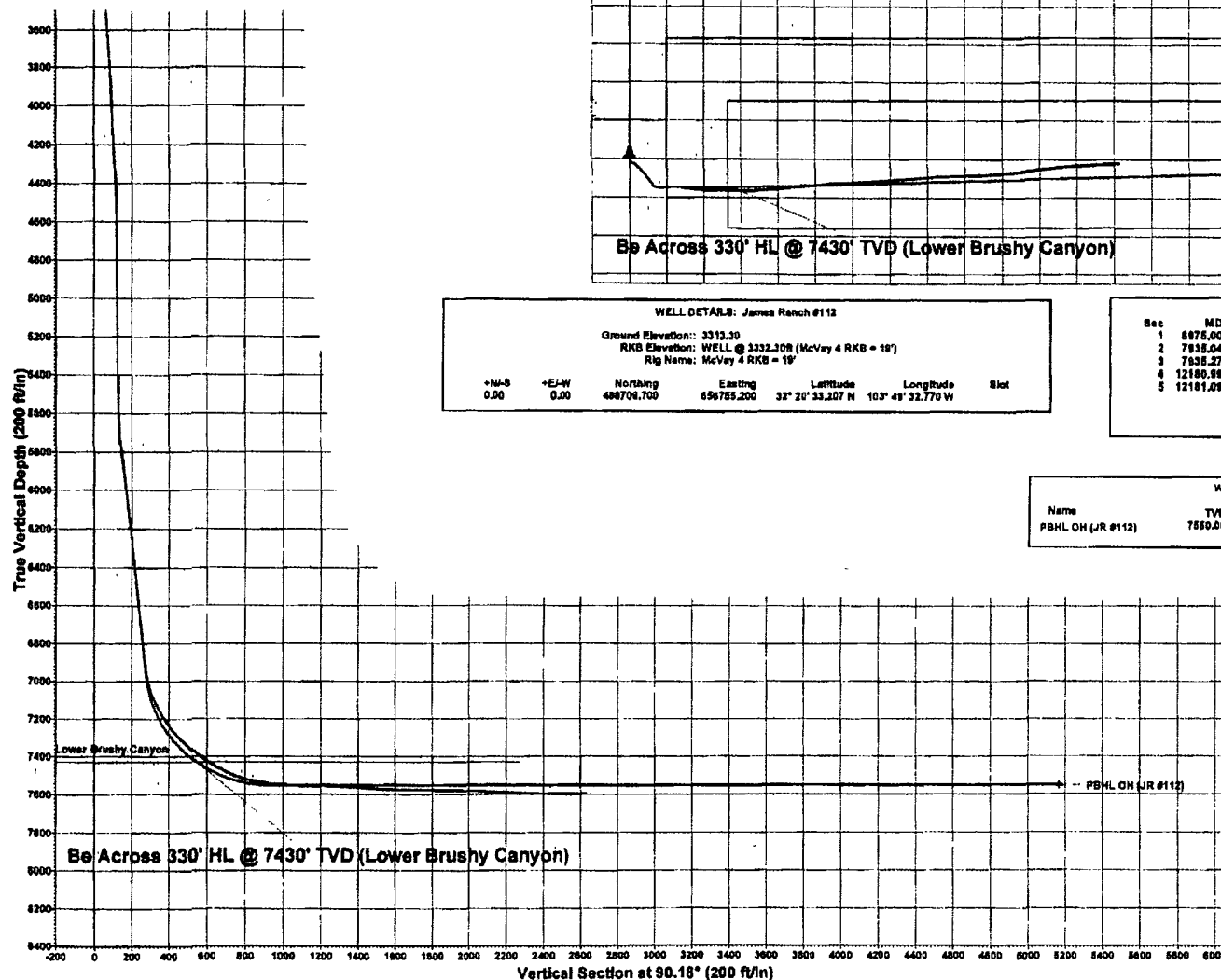
+N-S	+E-W	Northing	Easting	Latitude	Longitude	Spot
0.00	0.00	498706.700	656755.200	32° 20' 33.207 N	103° 49' 32.770 W	

SECTION DETAILS

Sec	MD	Inc	Azi	TVD	+N-S	+E-W	DLog	TFace	VSec	Target
1	8975.00	5.41	97.30	6960.81	-145.87	275.24	0.00	0.00	275.30	
2	7935.04	80.00	88.38	7550.00	-136.22	922.75	5.82	-6.95	922.17	
3	7535.27	80.00	88.38	7550.00	-136.21	922.88	0.00	0.00	923.40	
4	12180.99	90.00	88.38	7550.00	-16.18	5187.00	0.00	0.00	5187.02	
5	12181.09	90.00	88.38	7550.00	-16.18	5187.10	0.00	0.00	5187.12	

WELLBORE TARGET DETAILS (MAP CO-ORDINATES)

Name	TVD	+N-S	+E-W	Northing	Easting	Shape
PBHL OH (JR #112)	7550.00	-16.18	5187.10	498693.520	656722.300	Point



PROJECT DETAILS: Eddy County
Geodetic System: US State Plane 1927 (Exact solution)
Datum: NAD 1927 (NADCON CONUS)
Ellipsoid: Clarke 1886
Zone: New Mexico East 3001
System Datum: Mean Sea Level
Local North: Grid

Plan: Plan #2 (James Ranch #112OH)

Created By: Nate Bingham Date: 7-64, January 26 2009

Checked: _____ Date: _____

WELL: JAMES RANCH UNIT #112H FIELD: UNASSIGNED STATE: NM EDDY AREA: MIDLAND PROGRESS: 330 SPUD DATE: 1/12/2009 RIG CONTR: MCVAY DAILY COST:	ACTIVITY: CIRCULATING PLAN TVD/MD: 7.600 / 12,600 CURR TVD/MD: 3,850 / 3,850 HRS: 7.00 PROP#: 043416 CASING: 9 625 in. SHOE TVD/MD: 3,848 / 3,848 RIG: 4 CUM. COST TO DATE:	RPT No: 7 DSS: 5 CREATE DATE: 1/17/2009 CLASS: DRIL WELL TYPE: DEVO DIVISION: MIDLAND APH#: AFE#: 103961 DAILY ROP: 47.14 WATER DEPTH: LEAKOFF#: PH NBR: 281-833-2749 RLS DATE: FOREMAN: LYNN CLAYTON
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FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06:00	08:00	2.00	D	DL	DRILL 3520'- 3667', GPM=400,M= 100 RPM, WOB=35K, ROT= 60 RPM, AVG. PR= 74'/HR
08:00	10:00	2.00	D	OT	RUN GYRO
10:00	15:00	5.00	D	DL	DRILL 3667'- 3850', GPM=400,M= 100 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 37'/HR
15:00	16:00	1.00	D	CA	CIRCULATE
16:00	20:30	4.50	D	TR	TRIP OUT OF HOLE, LAYDOWN BHA
20:30	01:00	4.50	D	RC	RUN 96 JTS. 9-5/8", 40#, H40, LTC SET @ 3848'
01:00	02:00	1.00	D	CA	CIRCULATE, RIG DOWN CASING CREW. RIG UP BJ SERVICE
02:00	03:30	1.50	D	CM	PUMPED 700 SXS OF LEAD CEMENT. ENGINE ON CEMENT TRUCK LOST OIL AND PRESSURE.
03:30	06:00	2.50	D	CA	RIG UP RIG MUD PUMP. CIRCULATED 700 SXS TO SURFACE AND CAPTURED. CIRCULATING, WAITING ON CEMENT AND NEW CEMENT TRUCK.

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
2	2	ULTERRA	12.250	1188	5438	655	3,850	3,195	57.00	56.05	10	10	10	30.00	160.00					

BHA# : 2					MUD PROPERTIES					HYDRAULICS				
Qty	Description	I.D.	O.D.	Length	Time.	06.00	Solids:			Std Pipe.	1250			
1	BIT		12.250	1.50	MW	10	Oil:					PUMP#1	PUMP#2	PUMP#3
1	MUD MOTOR		7.750	28.55	VISC	28	10 sec Gel:			# Cyl:	3	3		
1	FLOAT SUB	2.750	8.000	3.60	pH:	10.0	10 min Gel:			SPM:	105			
1	ROLLER REAMER	2.750	12.250	7.75	Chl:	140000	CA:	400.00		Liner Id:	6.500	6.500		
1	STEEL DC	2.750	8.000	29.75	WL:		Pm			S L:	9.00	9.00		
1	INTERGAL BLADE	2.750	12.250	7.55	HTHP:		Pf:			Rod Dia	3.00	3.00		
2	STEEL DC	2.750	8.000	59.55	FC		Ex Lime			Eff %:	98	98		
1	CROSSOVER	2.500	6.250	3.50	PV	0	Elec Stab			GPM:	399	0		0
15	STEEL DC	2.500	6.250	447.75	YP:	0	MBT:			SLOW PUMP RATES				
					LCM:					SPM:				
										PRSR:				
										AV(DP):	0.0	AV(DC)		113.6
										Jet Vel:	251.1	PSI Drop		562.9
										Bit HP	131.0	HP/in2		1.1
Total BHA Length.					589.50									

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D.L	Mud Additive	Used
287	0.25	287		0.63	0.63	0.00	0.09	CAUSTIC	2
620	0.50	620		2.81	2.81	0.00	0.08	LIME	24
1,069	0.50	1,069		6.72	6.72	0.00	0.00	MF55	5
1,568	0.75	1,568		12.17	12.17	0.00	0.05	PAPER	4
2,067	1.00	2,067		19.79	19.79	0.00	0.05		
2,569	1.25	2,569		29.64	29.64	0.00	0.05		
3,095	2.50	3,094		46.85	46.85	0.00	0.24		
3,665	6.79	3,662		93.00	93.00	0.00	0.75		

WEATHER

TIME	BAR.	PITCH	deg	VDL:	kips	TEMP	ROLL	deg	G & A.	deg
WIND	/	HEAVE	ft	STACK	deg	WAVE	/	MAX @:	ft	BJ

WELL: JAMES RANCH UNIT #112H ACTIVITY: WOC RPT No: 8 DSS: 6 CREATE DATE: 1/18/2009
FIELD: UNASSIGNED CLASS: DRIL WELL TYPE: DEVO
STATE: NM EDDY DIVISION: MIDLAND
AREA: MIDLAND API#: AFE#: 103961
PROGRESS: 0 HRS: 0.00 PROP#: 043416 DAILY ROP: 47.14 WATER DEPTH:
SPUD DATE: 1/12/2009 CASING: 9.625 in. SHOE TVD/MD: 3,848 / 3,848 LEAKOFF?:
RIG CONTR: MCVAY RIG: 4 PH NBR: 281-833-2749 RLS DATE:
DAILY COST: CUM. COST TO DATE: FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations in Sequence (6 AM - 6 AM)
06:00	11:00	5.00	D	CA	CIRCULATE, WAIT ON CEMENT AND TRUCK
11:00	13:00	2.00	D	CM	CEMENT- LEAD, 1100 SXS 35/65/5 CLASS C + 5LB/LCM + 5% SALT. TAIL, 200 SXS CLASS C + 1% CACL + CELLOFLAKE. DISPLACE W/ 289 BBLs FRESH WATER. BUMPED PLUG TO 1410 PSI FLOATS HELD. CIRCULATED 520 SXS TO SURFACE
13:00	06:00	17.00	D	OT	WOC

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
2	2	ULTERRA	12.250	1188	5438	655	3,850	3,195	57.00	56.05	10	10	10	30.00	160.00					

BHA# : 2					MUD PROPERTIES					HYDRAULICS				
Qty	Description	I D	O D	Length	Time	06:00	Solids			Std Pipe:	1250			
1	BIT		12.250	1.50	MW.	8.9	Oil:					PUMP#1	PUMP#2	PUMP#3
1	MUD MOTOR		7.750	28.55	VISC	28	10 sec Gel.			# Cyl:	3	105	3	
1	FLOAT SUB	2.750	8.000	3.60	pH:	10.0	10 min Gel:			SPM.		6 500	6 500	
1	ROLLER REAMER	2.750	12.250	7.75	Chf:	60000	CA:	400.00		Liner Id:		9.00	9.00	
1	STEEL DC	2.750	8.000	29.75	WL		Pm:			S.L.		3.00	3.00	
1	INTERGAL BLADE	2.750	12.250	7.55	HTHP.		Pf.			Rod Dia:		98	98	
2	STEEL DC	2.750	8.000	59.55	FC:		Ex Lime:			Eff %:		399	0	0
1	CROSSOVER	2.500	6.250	3.50	PV:	0	Elec Stab			SLOW PUMP RATES				
15	STEEL DC	2.500	6.250	447.75	YP:	0	MBT			SPM:				
Total BHA Length 589.50					LCM					PRSR:				
										AV(DP):	0.0	AV(DC):		113.6
										Jet Vel:	251.1	PSI Drop		501.0
										Bit HP:	116.6	HP/in2:		1.0

WELL: JAMES RANCH UNIT #112H FIELD: UNASSIGNED STATE: NM EDDY AREA: MIDLAND PROGRESS: 1960 SPUD DATE: 1/12/2009 RIG CONTR: MCVAY DAILY COST:	ACTIVITY: DRILLING PLAN TVD/MD: 7,600 / 12,600 CURR TVD/MD: 5,803 / 5,810 HRS: 14.00 PROP#: 043416 CASING: 9.625 in. SHOE TVD/MD: 3,848 / 3,848 RIG: 4 CUM. COST TO DATE:	RPT No: 9 DSS: 7 CREATE DATE: 1/19/2009 CLASS: DRIL WELL TYPE: DEVO DIVISION: MIDLAND APH#: AFE#: 103961 DAILY ROP: 140.00 WATER DEPTH: LEAKOFF?: PH NBR: 281-833-2749 RLS DATE: FOREMAN: LYNN CLAYTON
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FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06:00	09:00	3.00	D	OT	WOC, NIPPLE UP. TEST BOPE 5000# HIGH, 250# LOW. ALL TEST GOOD. TRIP IN HOLE. TAG CEMENT @ 3810' TEST CASING TO 2000# TEST GOOD.
09:00	10:00	1.00	D	DC	DRILL CEMENT 3810'-3850'.
10:00	10:30	0.50	D	DL	DRILL 3850'- 3930', GPM= 400, M= 120 RPM, WOB=20K, ROT= 60 RPM, AVG. PR=160'/HR
10:30	10:45	0.25	D	SU	SURVEY
10:45	11:15	0.50	D	DL	DRILL 3930'- 4024', GPM= 400, M= 120 RPM, WOB=20K, ROT= 60 RPM, AVG. PR= 188'/HR
11:15	11:30	0.25	D	SU	SURVEY
11:30	12:00	0.50	D	DL	DRILL 4024'- 4117', GPM= 400, M= 120 RPM, WOB= 20K, ROT= 60 RPM, AVG. PR= 186'/HR
12:00	12:15	0.25	D	SU	SURVEY
12:15	12:45	0.50	D	DL	DRILL 4117'- 4211', GPM= 400, M= 120 RPM, WOB= 20K, ROT= 60 RPM, AVG PR=188'/HR
12:45	13:00	0.25	D	SU	SURVEY
13:00	13:45	0.75	D	DS	S/D4211'- 4304', GPM=400,M- 120 RPM, WOB= 20K, ROT= 60 RPM, AVG PR= 124'/HR

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
3	3	ULTRERRA	8.750	MS1388	4426	3.850		1.960	14.00	140.00	10	10	10	25.00	180.00					

BHA# : 3					MUD PROPERTIES		HYDRAULICS	
Qty	Description	I.D.	O.D.	Length	Time	06:00 Solids:	Std Pipe:	1800
1	BIT		8.750	1.00	MW:	8.9 Oil:	PUMP#1	PUMP#2
1	MUD MOTOR		6.750	25.79	VISC:	28 10 sec Gel	# Cyl.	3
1	FLOAT SUB	2.625	6.750	2.35	pH	10.0 10 min Gel	SPM:	105
1	UBHO SUB	2.875	6.500	3.37	Chl.	60000 CA. 400.00	Liner Id:	6.500
1	30' MONEL CLR	2.750	6.500	30.73	WL.	Pm:	S.L.	9.00
1	NON-MAG FLEX JC	2.750	6.500	30.30	HTHP	Pf:	Rod Dia:	3.00
15	STEEL DC	2.500	6.250	447.50	FC	Ex Lime:	Eff %:	98
713-495-4754					PV	0 Elec Stab.	GPM:	399
					YP	0 MBT		
					LCM			
Total BHA Length					541.04		SLOW PUMP RATES SPM: PRSR: AV(DP): 0.0 AV(DC): 260.7 Jet Vel: 251.1 PSI Drop: 501.0 Bit HP: 116.6 HP/in2: 1.9	

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Mud Additive	Used
4.818	1.32	4.812	159.43	119.77	-128.21	122.43	0.35	CAUSTIC	2
4.911	1.06	4.905	157.95	120.43	-130.01	123.13	0.28	HULLS	5
5.036	1.32	5.030	153.05	121.47	-132.37	124.22	0.22	LIME	5
5.161	1.32	5.155	156.88	122.63	-134.97	125.44	0.07	MF55	1
5.285	1.32	5.279	147.44	123.91	-137.49	126.77	0.18	ZAN	2
5.410	1.14	5.404	157.05	125.12	-139.85	128.03	0.22		
5.535	2.37	5.529	111.09	127.97	-141.93	130.92	1.42		
5.628	2.29	5.622	116.97	131.39	-143.46	134.37	0.27		
5.722	3.96	5.716	103.36	136.19	-145.06	139.21	1.93		

WEATHER

TIME	BAR	PITCH	deg	VDL	kips	TEMP	ROLL	deg	G & A	deg
WIND	/	HEAVE	ft	STACK	deg	WAVE	/	MAX @	ft	BJ



DAILY ACTIVITY SUMMARY

Date: 1/20/2009

JAMES RANCH UNIT #112H

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
11:45	12:30	0.75	D	DS	S/D6331'- 6424', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
12:30	13:00	0.50	D	SU	SURVEY
13:00	13:45	0.75	D	DL	DRILL 6424'- 6516', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
13:45	14:00	0.25	D	SU	SURVEY
14:00	14:45	0.75	D	DS	DRILL 6516'- 6609', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
14:45	15:15	0.50	D	SU	SURVEY
15:15	16:00	0.75	D	DS	S/D6609'- 6703', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
16:00	16:15	0.25	D	SU	SURVEY
16:15	17:00	0.75	D	DS	S/D6703'- 6796', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
17:00	17:15	0.25	D	SU	SURVEY
17:15	18:00	0.75	D	DS	S/D6796'- 6890', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
18:00	18:15	0.25	D	SU	SURVEY
18:15	19:00	0.75	D	DL	DRILL 6890'- 6983', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
19:00	19:15	0.25	D	SU	SURVEY
19:15	21:00	1.75	D	DS	S/D6983'- 7075', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 53'/HR
21:00	21:15	0.25	D	SU	SURVEY
21:15	22:45	1.50	D	DS	S/D7075'- 7170', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 63'/HR
22:45	23:00	0.25	D	SU	SURVEY
23:00	01:00	2.00	D	DS	S/D7170'- 7261', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 45'/HR
01:00	01:15	0.25	D	SU	SURVEY
01:15	03:00	1.75	D	DS	S/D7261'- 7355', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 54'/HR
03:00	03:15	0.25	D	SU	SURVEY
03:15	04:15	1.00	D	DS	S/D7355'- 7449', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 94'/HR
04:15	04:30	0.25	D	SU	SURVEY
04:30	05:30	1.00	D	DS	S/D7449'- 7543', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 94'/HR
05:30	06:00	0.50	D	SU	SURVEY



OPERATIONS SUMMARY REPORT

WELL NAME: JAMES RANCH UNIT #112H
 RIG NAME: 4
 FIELD NAME: UNASSIGNED
 EVENT NO.: 1

AFE NO: 103961
 WELL ID NO.: 043416
 API NO.:
 EVENT DESC.:

DATE: 1/20/2009 DSS: 8 DEPTH: 7,543 MUD WT: 8.90 CUM COST TO DATE: 871,690.00

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
1.00	D	DS		S/D5810'- 5864', GPM=400, M=120 RPM, WOB=25K, ROT= 60 RPM, AVG. PR= 54'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D5864'- 5957', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR=124'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D 5957'- 6051', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D6051'-6144', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.50	D	DL		DRILL 6144'- 6238', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR=188'/HR
0.25	D	SU		SURVEY
0.50	D	DL		DRILL 6238'- 6331', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 186'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D6331'- 6424', GPM= 400,M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.50	D	SU		SURVEY
0.75	D	DL		DRILL 6424'- 6516', GPM= 400,M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.75	D	DS		DRILL 6516'- 6609', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.50	D	SU		SURVEY
0.75	D	DS		S/D6609'- 6703', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D6703'- 6796', GPM= 400,M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.75	D	DS		S/D6796'- 6890', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
0.75	D	DL		DRILL6890'- 6983', GPM= 400, M= 120 RPM, WOB= 25K, ROT= 60 RPM, AVG. PR= 124'/HR
0.25	D	SU		SURVEY
1.75	D	DS		S/D6983'- 7075', GPM= 400, M= 120 RPM, WOB=35K, ROT= 60 RPM, AVG. PR= 53'/HR
0.25	D	SU		SURVEY
1.50	D	DS		S/D7075'-7170', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG PR= 63'/HR
0.25	D	SU		SURVEY
2.00	D	DS		S/D7170'- 7261', GPM= 400, M=120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR=45'/HR
0.25	D	SU		SURVEY
1.75	D	DS		S/D7261'- 7355', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 54'/HR
0.25	D	SU		SURVEY
1.00	D	DS		S/D7355'- 7449', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG. PR= 94'/HR
0.25	D	SU		SURVEY
1.00	D	DS		S/D7449'- 7543', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG PR= 94'/HR
0.50	D	SU		SURVEY



DOMESTIC DAILY DRILLING REPORT

DATE: 1/21/2009

WELL: JAMES RANCH UNIT #112H
 FIELD: UNASSIGNED
 STATE: NM EDDY
 AREA: MIDLAND
 PROGRESS: 177
 SPUD DATE: 1/12/2009
 RIG CONTR: MCVAY
 DAILY COST:

ACTIVITY: TRIPPING
 PLAN TVD/MD: 7.600 / 12.600
 CURR TVD/MD: 7.855 / 7.875
 HRS: 3.75
 CASING: 9.625 in. SHOE TVD/MD: 3.848 / 3.848
 RIG: 4
 CUM. COST TO DATE:

RPT No: 11 DSS: 9 CREATE DATE: 1/21/2009
 CLASS: DRIL WELL TYPE: DEVO
 DIVISION: MIDLAND
 API#: AFE#: 103961
 DAILY ROP: 47.20 WATER DEPTH:
 LEAKOFF?:
 PH NBR: 281-833-2749 RLS DATE:
 FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06.00	10.00	4.00	D	DS	D/S7543'- 7698', GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG PR= 39'/HR
10.00	10.15	0.25	D	SU	SURVEY
10.15	14.00	3.75	D	DL	DRILL 7698'- 7875', GPM= 400, M= 120 RPM WOB= 35K, ROT= 60 RPM, AVG PR= 47'/HR
14.00	14.15	0.25	D	SU	SURVEY
14.15	15.15	1.00	D	CA	CIRCULATE
15.15	18.15	3.00	D	TR	TRIP OUT OF HOLE
18.15	19.15	1.00	D	OT	RIG UP SCHLUMBERGER
19.15	00.30	5.25	D	OT	LOG
00.30	05.00	4.50	D	TR	PICK UP TUBING AND TRIP IN HOLE TO 7300'
05.00	05.30	0.50	D	CM	SPOT 400 SXS KICK OFF PLUG
05.30	06.00	0.50	D	TR	TRIP OUT OF HOLE WOC

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
3	3	ULTERRA	8.750	MS1388	4426	3.850	7.875	3.870	36.25	106.76	10	10	10	25.00	180.00					

BHA# : 3					MUD PROPERTIES					HYDRAULICS				
Qty	Description	I.D.	O.D.	Length	Time	06.00	Depth	7875		Std Pipe	1800			
1	BIT		8.750	1.00	MW	9.1	Solids			PUMP#1	PUMP#2	PUMP#3		
1	MUD MOTOR		6.750	25.79	VISC	35	Oil			# Cyl	3	3		
1	FLOAT SUB	2.625	6.750	2.35	pH	10	10 sec Gel	1		SPM	105			
1	UBHO SUB	2.875	6.500	3.37	Chl	60000	10 min Gel	2		Liner Id	5.500	6.500		
1	30' MONEL CLR	2.750	6.500	30.73	WL	5	CA	2400		S.L.	9.00	9.00		
1	NON-MAG FLEX JC	2.750	6.500	30.30	HTHP		Pm			Rod Dia	3.00	3.00		
15	STEEL DC	2.500	6.250	447.50	FC		Pf			Eff %	98	98		
Total BHA Length					LCM		MBT			GPM	399	0	0	
					SLOW PUMP RATES									
					SPM					AV(DP)	0.0	AV(DC)	260.7	
					PRSR					Jet Vel	251.1	PSI Drop	512.2	
										Bit HP	119.2	HP/in2	2.0	

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D.L.	Mud Additive	Used
6.748	6.24	6.735	95.17	249.74	-142.86	252.74	0.48	MF55	22
6.934	6.16	6.920	94.34	269.72	-144.52	272.75	0.06	PAC	35
7.027	4.48	7.013	102.45	278.22	-145.68	281.28	1.97		
7.122	4.48	7.107	104.47	285.39	-147.41	288.49	0.17		
7.213	2.90	7.198	101.47	291.06	-148.76	294.19	1.75		
7.307	2.64	7.292	88.25	295.55	-149.16	298.68	0.73		
7.525	0.88	7.510	109.27	302.14	-149.56	305.28	0.85		
7.650	0.70	7.635	119.66	303.69	-150.26	306.85	0.18		
7.827	0.97	7.812	101.20	304.65	-149.29	307.79	0.82		

WEATHER

TIME	BAR	PITCH	deg	VDL	kips	TEMP	ROLL	deg	G & A	deg
WIND	/	HEAVE	ft	STACK	deg	WAVE	/	MAX @	ft	deg



DOMESTIC DAILY DRILLING REPORT

DATE: 1/21/2009

WELL: JAMES RANCH UNIT #112H ACTIVITY: TRIPPING RPT No: 11 DSS: 9 CREATE DATE: 1/21/2009
 FIELD: UNASSIGNED CLASS: DRIL WELL TYPE: DEVO
 STATE: NM EDDY PLAN TVD/MD: 7 600 / 12 600 DIVISION: MIDLAND
 AREA: MIDLAND CURR TVD/MD: 7.855 / 7.875 API#: AFE#: 103961
 PROGRESS: 177 HRS: 3.75 PROP#: 043416 DAILY ROP: 47.20 WATER DEPTH:
 SPUD DATE: 1/12/2009 CASING: 9.625 in. SHOE TVD/MD: 3.848 / 3.848 LEAKOFF?:
 RIG CONTR: MCVAY RIG: 4 PH NBR: 281-833-2749 RLS DATE:
 DAILY COST: CUM. COST TO DATE: FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06:00	10:00	4.00	D	DS	D/S7543'- 7698' GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG PR= 39'/HR
10:00	10:15	0.25	D	SU	SURVEY
10:15	14:00	3.75	D	DL	DRILL 7698'- 7875' GPM= 400, M= 120 RPM, WOB= 35K, ROT= 60 RPM, AVG PR= 47'/HR
14:00	14:15	0.25	D	SU	SURVEY
14:15	15:15	1.00	D	CA	CIRCULATE
15:15	18:15	3.00	D	TR	TRIP OUT OF HOLE
18:15	19:15	1.00	D	OT	RIG UP SCHLUMBERGER
19:15	00:30	5.25	D	OT	LOG
00:30	05:00	4.50	D	TR	PICK UP TUBING AND TRIP IN HOLE TO 7300'
05:00	05:30	0.50	D	CM	SPOT 400 SXS KICK OFF PLUG.
05:30	06:00	0.50	D	TR	TRIP OUT OF HOLE WOC

24.00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
3	3	ULTRERRA	8 750	MS1388	4426	3.850	7.875	3 870	36.25	106.76	10	10	10	25.00	180.00					

BHA# : 3					MUD PROPERTIES					HYDRAULICS				
Qty	Description	I.D.	O.D.	Length	Time	06:00	Depth	7875		Std Pipe	1800			
1	BIT		8 750	1.00	MW	9.1	Solids			PUMP#1	PUMP#2	PUMP#3		
1	MUD MOTOR		6 750	25.79	VISC	35	Oil			# Cyl	3	3		
1	FLOAT SUB	2 625	6 750	2.35	pH	10	10 sec Gel	1		SPM	105			
1	UBHO SUB	2 875	6 500	3.37	Chi	60000	10 min Gel	2		Liner Id.	6.500	6.500		
1	30' MONEL CLR	2 750	6.500	30.73	WL	5	CA	2400		S.L	9.00	9.00		
1	NON-MAG FLEX JC	2 750	6.500	30.30	H1HP		Pm			Rod Dia	3.00	3.00		
15	STEEL DC	2 500	6.250	447.50	FC		Pf			Eff %	98	98		
					PV	5	Ex Time			GPM	399	0	0	
					YP	3	Elec Stab			SLOW PUMP RATES				
					LCM		MBT			SPM				
										PRSR				
										AV(DP)	0.0	AV(DC)	260.7	
										Jet Vel	251.1	PSI Drop	512.2	
										Bit HP	119.2	HP/in2	2.0	

Total BHA Length 541.04

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D.L	Mud Additive	Used
6 748	6.24	6 735	95.17	249.74	-142.86	252.74	3.48	MF55	22
6 934	6.16	6 920	94.34	269.72	-144.52	272.75	0.06	PAC	35
7 027	4.48	7 013	102.45	278.22	-145.68	281.28	1.97		
7 122	4.48	7 107	104.47	285.39	-147.41	288.49	0.17		
7 213	2.90	7 198	101.47	291.06	-148.76	294.19	1.75		
7 307	2.64	7 292	88.25	295.55	-149.16	298.68	0.73		
7 525	0.88	7 510	109.27	302.14	-149.56	305.28	0.85		
7 650	0.70	7 635	119.66	303.69	-150.26	306.85	0.18		
7 827	0.97	7 812	101.20	304.65	-149.29	307.79	0.82		

WEATHER

TIME	BAR	PITCH	deg	VDL	kips	TEMP	ROLL	deg	G & A	deg
WIND	/	HEAVE	ft	STACK	deg	WAVE	/	MAX @	ft	BJ



DOMESTIC DAILY DRILLING REPORT

DATE: 1/22/2009

WELL: JAMES RANCH UNIT #112H ACTIVITY: WOC RPT No: 12 DSS: 10 CREATE DATE: 1/22/2009
 FIELD: UNASSIGNED CLASS: COMP WELL TYPE: DEVO
 STATE: NM EDDY PLAN TVD/MD: 7.600 / 12.600 DIVISION: MIDLAND
 AREA: MIDLAND CURR TVD/MD: 7.855 / 7.875 API#: AFE#: 103961
 PROGRESS: 0 HRS: 0 00 PROP#: 043416 DAILY ROP: 0 00 WATER DEPTH:
 SPUD DATE: 1/12/2009 CASING: 9 625 in. SHOE TVD/MD: 3.848 / 3.848 LEAKOFF?:
 RIG CONTR: MCVAY RIG: 4 PH NBR: 281-833-2749 RLS DATE: 1/30/2009
 DAILY COST: CUM. COST TO DATE: FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06 00	18 00	12.00	D	OT	WOC, TAG TOC @ 7080'. CEMENT DROPPED 500'
18 00	20 00	2 00	D	DC	DRESS OFF CEMENT TO 7245' CEMENT HARD
20 00	03 00	7 00	D	TR	TRIP TO SPOT CEMENT PLUG WITH TUBING @ 7242'
03 00	04 00	1 00	D	OT	RIG UP LAYDOWN AND BJ SERVICE CIRCULATE
04 00	04 30	0 50	D	CM	SPOT 400 SXS CLASS H KICK OFF PLUG
04 30	06 00	1 50	D	OT	WOC

24 00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
3	3	ULTRERRA	8 750	MS1388	4426	3.850	7 875	3.870	36.25	106.76	10	10	10	25 00	180 00					

BHA# : 3					MUD PROPERTIES					HYDRAULICS				
Qty	Description	ID	OD	Length	Time	06 00	Depth	7875		Std Pipe	1800			
1	BIT		8.750	1 00	MW	9 1	Solids					PUMP#1	PUMP#2	PUMP#3
1	MUD MOTOR		6.750	25 79	VISC	35	Oil			# Cyl	3	3		
1	FLOAT SUB	2 625	6.750	2 35	pH	10	10 sec Gel	1		SPM	105			
1	UBHO SUB	2 875	6.500	3 37	Chl	60000	10 min Gel	2		Liner Id	6 500	6 500		
1	30' MONFL CLR	2 750	6.500	30 73	WL	5	CA	2400		S L	9 00	9 00		
1	NON-MAG FLEX JC	2 750	6.500	30 30	HTHP		Pm.			Rod Dia	3 00	3 00		
15	STEEL DC	2.500	6.250	447 50	FC		Pf			Eff %	98	98		
Total BHA Length 541 04					PV	5	Ex Lime			GPM	399	0	0	
					YP	3	Elec Stab			SLOW PUMP RATES				
					LCM		MRT			SPM				
										PRSR				
										AV(DP)	0 0	AV(DC)	260 7	
										Jet Vel	251 1	PSI Drop	512 2	
										Bit HP	119 2	HP/in2	2 0	

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D L	Mud Additive	Used
7 652	62 52	7 473	87 56	680 29	-159 72	683 72	4 92		
7 683	65 25	7 487	86 00	708 10	-158 15	711 51	9 90		
7 714	69 03	7 499	84 91	736 61	155 89	739 98	12 62		
7 745	72 63	7 509	84 48	765 81	153 18	769 13	11 69		
7 776	74 92	7 518	85 01	795 50	-150 45	798 76	7 57		
7 807	77 03	7 525	85 38	825 51	147 94	828 73	6 90		
7 827	0 97	7 812	101 20	304 65	-149 29	307 79	0 82		
7 838	79 76	7 531	84 53	855 81	-145 26	858 98	9 21		
7 869	83 01	7 536	84 51	886 36	-142 34	889 48	10 48		

WEATHER

TIME	BAR	PITCH	deg	VDL	kips	TEMP	ROLL	deg	G & A	deg
WIND		HEAVE	ft	STACK	deg	WAVE	MAX @	ft	BJ	deg



To: Joel Siegel

Company :

Fax Number : 1-575-234-6003

Phone Number :

From : Sandy Traugher

Fax Number : 6863761

Phone Number

Time Sent : Friday, Jan 23, 2009 07:13AM

Pages : 2

Description : JAMES RANCH UNIT #112H

Today's Date 1/23/2009



OPERATIONS SUMMARY REPORT

WELL NAME: JAMES RANCH UNIT #112H

APE NO: 103961

RIG NAME: 4

WELL ID NO.: 043416

FIELD NAME: UNASSIGNED

API NO.:

EVENT NO.: 1

EVENT DESC.:

DATE: 1/23/2009

DSS: 11

DEPTH: 7,128

MUD WT: 9.10

CUM COST TO DATE:

HOURS	PH	OP	ACT	ACTIVITY DESCRIPTION
7.00	D	OT	WOC, TAG TOC @ 6400'	
5.00	D	DC	DRESS OFF CEMENT TO 6943', CEMENT HARD	
0.50	D	SU	SURVEY, ORIENTATE TOOL FACE	
5.75	D	DS	SLIDE 6943'- 7035', GPM= 400, M= 120 RPM, WOB= 30K, AVG. PR= 16'/HR	
0.50	D	SU	SURVEYS	
1.25	D	DS	SLIDE 7035'- 7066', GPM= 400, M= 120 RPM, WOB= 30K, AVG. PR= 25'/HR	
0.25	D	SU	SURVEY	
1.25	D	DS	SLIDE 7066'- 7097', GPM= 400, M= 120 RPM, WOB= 30K, AVG. PR= 25'/HR	
0.25	D	SU	SURVEY	
1.25	D	DS	SLIDE 7097'- 7128', GPM= 400, M= 120 RPM, WOB= 30K, AVG. PR= 25'/HR	



DOMESTIC DAILY DRILLING REPORT

DATE: 1/23/2009

WELL: JAMES RANCH UNIT #112H

ACTIVITY: DRILLING

RPT No: 13 DSS: 11

CREATE DATE: 1/23/2009

FIELD: UNASSIGNED

CLASS: DRIL

WELL TYPE: DEVO

STATE: NM EDDY

PLAN TVD/MD: 7 600 / 12.600

DIVISION: MIDLAND

AREA: MIDLAND

CURR TVD/MD: 7.110 / 7 128

API#:

AFE#: 103961

PROGRESS: 185

HRS: 9 50 PROP#: 043416

DAILY ROP: 19 47

WATER DEPTH:

SPUD DATE: 1/12/2009

CASING: 9 625 in SHOE TVD/MD: 3.848 / 3.848

LEAKOFF?:

RIG CONTR: MCVAY

RIG: 4

PH NBR: 281-833-2749

RLS DATE:

DAILY COST:

CUM. COST TO DATE:

FOREMAN: LYNN CLAYTON

FROM	TO	HRS	Ph	Op	Activity Last 24 Hours - Operations In Sequence (6 AM - 6 AM)
06 00	13 00	7 00	D	OT	WOC. TAG TOC @ 6400'
13 00	19 00	6 00	D	DC	DRESS OFF CEMENT TO 6943' CEMENT HARD
19 00	19 30	0 50	D	SU	SURVEY ORIENTATE TOOL FACE
19 30	01 15	5 75	D	DS	SLIDE 6943' - 7035' GPM= 400, M= 120 RPM WOB=30K, AVG. PR= 16'/HR
01 15	01 45	0 50	D	SU	SURVEYS
01 45	03 00	1 25	D	DS	SLIDE 7035' - 7066' GPM= 400, M= 120 RPM, WOB= 30K, AVG PR= 25'/HR
03 00	03 15	0 25	D	SU	SURVEY
03 15	04 30	1.25	D	DS	SLIDE 7066' - 7097' GPM= 400 M= 120 RPM, WOB= 30K, AVG PR= 25'/HR
04 30	04 45	0 25	D	SU	SURVEY
04 45	06 00	1 25	D	DS	SLIDE 7097 - 7128' GPM= 400, M= 120 RPM WOB= 30K AVG PR= 25'/HR

24 00 = Total Hours Today

TRIP#	BIT#	MAKE	SIZE	TYPE	SL#	FROM	TO	LGTH	HRS	ROP	N1	N2	N3	WOB	RPM	I	O	B	G	R
4	4	ULTRERRA	8 750	GX38	5161000	6 975	9 50	185	9 50	19 47	15	15	15	30 00	120 00					
3	3	ULTRERRA	8.750	MS1388	4426	3.850	7.875	3.870	36.25	106 76	10	10	10	25 00	180 00					

BHA# 4					MUD PROPERTIES					HYDRAULICS				
Qty	Description	ID	O.D	Length	Time	06 00	Depth	7875		Std Pipe	1800			
1	BIT		8.750	1 00	MW	9.1	Solids							
1	MUD MOTOR		6 750	20 25	VISC	35	Oil							
1	FLOAT SUB	2 500	6.500	2 35	pH	10	10 sec Gel	1						
1	NON-MAG FLEX JC	2 500	6 500	10 59	Chl	60000	10 min Gel	2						
1	UBHO SUB	2.500	6.500	3.37	WL	5	CA	2400						
1	30' MONEL CLR	2.500	6 500	30 73	HTHP		Pm							
1	NON-MAG FLEX JC	2.500	6.500	30 00	FC		PI							
1	NON-MAG FLEX JC	2 500	6 500	29.75	PV	5	Ex Lime							
					YP	3	Elec Stab							
					LCM		MBT							
Total BHA Length										SLOW PUMP RATES				
										SPM				
										PRSR				
										AV(DP)	0 0	AV(DC)	0 0	
										Jet Vel	246 6	PSI Drop	494 2	
										Bit HP	115.0	HP/in2	1 9	

SURVEYS								Mud Used	
MD	Angle	TVD	Dir	V Sect	+N/-S	+E/-W	D.L	Mud Additive	Used
6.468	6.24	6.457	84 07	220 69	-143 86	223 70	0 96	BICARB	7
6 561	5.28	6 549	81.94	229.98	-142 74	232 97	1 06	CITRIC ACID	2
6.655	6 42	6.643	91.49	239.52	142 27	242 50	1 59		
6.748	6 24	6.735	95 17	249 74	-142 86	252 74	0 48		
6 934	6 16	6.920	94 34	269 72	-144 52	272 75	0 06		
6 967	8 71	6.953	96 57	273 96	-144 94	277 00	7 78		
6 998	11 70	6 983	98.48	279 38	-145 68	282 44	9 71		
7 027	4 48	7.013	102 45	278 22	-145 68	281 28	1 97		
7.122	4 48	7.107	104 47	285 39	-147 41	288 49	0 17		

WEATHER

TIME	BAR	PITCH	deg	VDL	kips	TEMP	ROLL	deg	G & A.	deg
WIND	/	HEAVE	ft	STACK	deg	WAVE	/	MAX @	ft	BJ



To: Joel Siegel

Company :

Fax Number : 1-575-234-6003

Phone Number :

From : Sandy Traughber

Fax Number : 6863761

Phone Number

Time Sent : Monday, Jan 26, 2009 07:18AM

Pages : 10

Description : JAMES RANCH UNIT #112H
