

District I

1625 N French Dr., Hobbs, NM 88240

District II

1301 W Grand Ave., Artesia, NM 88210

District III

1000 Rio Brazos Rd., Aztec, NM 87410

District IV

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

OIL CONSERVATION DIVISION

1220 South St. Francis Dr.
Santa Fe, NM 87505



WELL API NO.

30-015-27486

5. Indicate Type of Lease

STATE ☒ FEE ☐

6. State Oil & Gas Lease No.

E-10083

7. Lease Name or Unit Agreement Name:

Indian Hills State Com

8. Well Number: #8

9. OGRID Number: #14021

10. Pool name or Wildcat

Cemetery Morrow

SUNDRY NOTICES AND REPORTS ON WELLS

(DO NOT USE THIS FORM FOR PROPOSALS TO DRILL OR TO DEEPEN OR PLUG BACK TO A DIFFERENT RESERVOIR USE "APPLICATION FOR PERMIT" (FORM C-101) FOR SUCH PROPOSALS)

1. Type of Well: Oil Well ☐ Gas Well ☒ Other

2. Name of Operator

Marathon Oil Company

AUG 28 2008

3. Address of Operator:

P.O. Box 3487

Houston, Texas 77253-3487

OCD-ARTESIA

4. Well Location

Unit Letter M : 976' feet from the South line and 660' feet from the West line

Section 36 Township 20S Range 24E NMPM County: Eddy

11. Elevation (Show whether DR, RKB, RT, GR, etc.)

3,631'

12. Check Appropriate Box to Indicate Nature of Notice, Report or Other Data

NOTICE OF INTENTION TO:

PERFORM REMEDIAL WORK ☐ PLUG AND ABANDON ☐
TEMPORARILY ABANDON ☐ CHANGE PLANS ☐
PULL OR ALTER CASING ☐ MULTIPLE COMPL ☐
DOWNHOLE COMMINGLE ☐

SUBSEQUENT REPORT OF:

REMEDIAL WORK ☐ ALTERING CASING ☐
COMMENCE DRILLING OPNS. ☐ P AND A ☐
CASING/CEMENT JOB ☐

OTHER: ☐

OTHER: Well Deepening Summary. ☒

13. Describe proposed or completed operations. (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work). SEE RULE 1103. For Multiple Completions: Attach wellbore diagram of proposed completion or recompletion.

*Marathon Oil Company has finished operations to complete the Indian Hills State Com No. 8 to the Morrow formation. Please see the attached summary for details of work performed.

Note: Completion Report and Wellbore Diagram filed with appropriate 'OCD' District Office.

ACCEPTED FOR RECORD

AUG 28 2008

Gerry Guye, Deputy Field Inspector
NMOCD-District II ARTESIA

Spud Date:

11-OCT-2006

Rig Release Date:

6-JUN-2007

I hereby certify that the information above is true and complete to the best of my knowledge and belief.

SIGNATURE: Rick R. Schell TITLE: Regulatory Compliance Representative DATE: 22-Aug-08

Type or print name: Rick R. Schell E-mail address: rrschell@marathonoil.com PHONE: 713-296-3412

For State Use Only

APPROVED BY: _____ TITLE _____ DATE _____

Conditions of Approval (if any): _____

Operations Summary Report

Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007 End:
 Rig Release: 11/1/2006 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/26/2007	00:00 - 06:00	6.00	RURD_	RIG_	MIRU	R/D Equipment and Prepare for Rig Move.
4/27/2007	00:00 - 06:00	6.00	RURD_	RIG_	MIRU	R/D Equipment and Prepare for Rig Move.
	00:00 - 06:00	6.00	RURD_	RIG_	MIRU	R/D Equipment and Prepare for Rig Move.
4/28/2007	06:00 - 15:00	9.00	RURD_	RIG_	MIRU	Move Rig To Indian Hills State Com #8 Location.
	06:00 - 15:00	9.00	REPAIR	RIG_	MIRU	Rig Repair. Mechanics working on Rig.
	15:00 - 06:00	15.00	REPAIR	RIG_	MIRU	Have not completed rig up. Repairs being made to Right Angle Drive, Transmission Leak, Misc Welding, and other Misc. Repairs. Drilling Crew Will Take 3 Days Off While Repairs are Being Made.
						Co-Man Trailer, Brine Water Tank, Rental Generators, Septic Systems, and Potable Water still at NIBU 20. Cannot Move to IHSC #8 Until Rig is up and all equipment is placed.
						No Work Being Done During the Night.
	15:00 - 06:00	15.00			MIRU	All Vendors Have Been Notified and Standing By For Start of Well. Have not completed rig up. Mechanics Working on Rig Right Angle Drive, and Misc Rig Repair.
						Co-Man Trailer, Brine Water Tank, Rental Generators, Septic system and Potable Water still on NIBU location. Cannot move to IHSC #8 until Rig is up and all equipment is placed.
						No Work Being Done During The Night.
4/29/2007	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors have been notified and standing by for start of well. Have not completed rig up. Repairs being made to Right Angle Drive, Transmission Leak, Misc Welding, and other Misc. Repairs. Drilling Crew Will Take 3 Days Off While Repairs are Being Made.
						Co-Man Trailer, Brine Water Tank, Rental Generators, Septic Systems, and Potable Water still at NIBU 20. Cannot Move to IHSC #8 Until Rig is up and all equipment is placed.
						No Work Being Done During the Night.
	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors Have Been Notified and Standing By For Start of Well. Have not completed rig up. Mechanics Working on Rig Right Angle Drive, and Misc Rig Repair.
						Co-Man Trailer, Brine Water Tank, Rental Generators, Septic system and Potable Water still on NIBU location. Cannot move to IHSC #8 until Rig is up and all equipment is placed.
						No Work Being Done During The Night.
4/30/2007	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors have been notified and standing by for start of well. Have not completed rig up. Repairs being made to Right Angle Drive, Transmission Leak, Misc Welding, and other Misc. Repairs.
						Co-Man Trailer, Brine Water Tank, Rental Generators, Septic Systems, and Potable Water still at NIBU 20. Cannot Move to IHSC #8 Until Rig is up and all equipment is placed.

Operations Summary Report

Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007 End:
 Rig Release: 11/1/2006 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
4/30/2007	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	No Work Being Done During the Night.
	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors Have Been Notified and Standing By For Start of Well. Have not completed rig up. Mechanics Working on Rig Right Angle Drive, and Misc Rig Repair. Co-Man Trailer, Brine Water Tank, Rental Generators, Septic system and Potable Water still on NIBU location. Cannot move to IHSC #8 until Rig is up and all equipment is placed. No Work Being Done During The Night.
5/1/2007	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors have been notified and standing by for start of well. Have not completed rig up. Mechanics Working on Rig Right Angle Drive, and Misc Rig Repair. Co-Man Trailer, Brine Water Tank, Rental Generators, Septic system and Potable Water still on NIBU location. Cannot move to IHSC #8 until Rig is up and all equipment is placed. No Work Being Done During The Night.
	06:00 - 06:00	24.00	REPAIR	RIG_	MIRU	All Vendors have been notified and standing by for start of well. Have not completed rig up. Repairs being made to Right Angle Drive, Transmission Leak, Misc Welding, and other Misc. Repairs. Co-Man Trailer, Brine Water Tank, Rental Generators, Septic Systems, and Potable Water still at NIBU 20. Cannot Move to IHSC #8 Until Rig is up and all equipment is placed. No Work Being Done During the Night.
5/2/2007	06:00 - 20:00	14.00	RURD	EQUIP	MIRU	All Vendors Have Been Notified and Standing By For Start of Well. R/U Rig. Raised Dereck. Installed Mud Pumps, Installed Pipe Rack. Installed Mud Pits. Constructed Reservoir Pit. Filled Mud Pits with Mud From NIBU 20 Well. Set up Marathon Trailer, Set up Tool Pusher Trailer, Install Septic Systems and Generators.
	06:00 - 20:00	14.00	RURD	RIG_	MIRU	R/U Rig. Raised Derrick, Installed Mud Pumps, Installed Pipe Rack, Installed Mud Pits, Constructed Reservoir Pit, Filled Active Mud Pits with Mud From NIBU 20 Well. Set Up Supervisor Trailer, Install Septic Systems and Generators.
	20:00 - 06:00	10.00	WAITON	EQUIP	MIRU	Shutdown for the night. Used everyone during the day to rig up.
5/3/2007	20:00 - 06:00	10.00	WAITON	EQUIP	MIRU	Shutdown for the night. Used everyone during the day to rig up.
	06:00 - 12:00	6.00	NUND	BOPE	MIRU	Landed BOP Stack W/Pole Truck, N/U BOP's & Choke Manifold. While N/U and Testing BOP's. R/U Rig. Lined Reserve Pit w/ 12 mil. Liner and Fenced, Tallied DP & HWDP on Rack, Install Mud Logger Trailer, Service Accumulators, Set up Brine Water Frac Tank and Fresh Water Frac Tank (filled fresh water tank). Setup H2S Monitoring Equipment, Signs, and Wind Socks.

Operations Summary Report

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 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Start: 4/12/2007
 Rig Release: 11/1/2006
 Rig Number: 356

Spud Date:
 End:
 Group:

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/3/2007	06:00 - 12:00	6.00	NUND	BOPE	MIRU	Install Cuttings Trailer under shakers. Servicing Power Unit for Power swivel. Offload Baker Hughes Inteq Directional Equipment. Move In Baker Hughes Inteq Living Quarters.
	12:00 - 20:00	8.00	TEST__	BOPE	MIRU	Test BOP's Pipe Rams & Blind Rams to 250/3000 psi., Test Annular to 250/2500 psi. Test Mup Pump Lines and Stand Pipe to 250/2500 psi. Test Upper Kelly Valve to 250/3000 psi.
	20:00 - 23:30	3.50	RURD__	PIPE	MIRU	Connecting Flowline and attaching line from Choke Manifold to Lined Pit.
	23:30 - 06:00	6.50	TRIP__	BHA__	PR1DRL	P/U BHA #1 and RIH. Filling DP every 15 stands. Having to strap and P/U 3.5" DP as we TIH. While TIH: Moved 200 BBLS Brine Water From NIBU 20 to IHSC #8. As of 06:00 still TIH and Filling DP every 15 stands. Bit is approximately 4000' in hole. Going Slow. 3 new hands on nights and having to strap each row of dp on pipe rack before running. Have Pumped 30 bbls of Mud into drill pipe while running in hole. No Returns. Returns are lined up to the Lined Reservoir Pit. Fluid seems to be u-tubing (vacuum on each connection) from the 9.15 PPG Mud Being Pump to Fill DP and Freshwater in hole.
5/4/2007	06:00 - 09:45	3.75	TRIP__	BHA__	PR1DRL	P/U BHA #1 and RIH to 4,065'. Filling DP every 15 stands. Having to strap and P/U 3.5" DP as we TIH. While TIH and Filling DP every 15 stands, Lost 39 bbls Mud with no returns.
	09:45 - 10:30	0.75	CIRC__	CFLD	PR1DRL	Swap From Mud in Active Pits to Freshwater to Fill Hole as We RIH. Attempt to Circulate Freshwater from Frac Tank. Pumped 146 BBLS Fresh Water Down DP with 86 PSI DPP. No Returns. Hole Volume Round Trip (DP to Bit Up to Surface = 132 BBLS) (Casing Volume Below Bit is 149 BBLS).
	10:30 - 16:30	6.00	TRIP__	BHA__	PR1DRL	TIH to 7,963'. Tagged Cement. Filling DP w/Freshwater every 15 stands. P/U to 7,946'.
	16:30 - 16:45	0.25	CIRC__	CFLD	PR1DRL	Circulate 31 BBLS and Got Returns. Pumped a Total 254 BBLS Before Getting Returns.
	16:45 - 19:45	3.00	WAITON	OTHR	PR1DRL	S/D Pumps and Let Well Sit. While Waiting, The Centrifical Pump Was Running and Found The Closed Valve To Stand Pipe At Pump Manifold Leaking. Shutdown Pump and Repaired Leaking Valve. In The Future, Will Shutdown All Pumps While Waiting For Fluid Drop Check. Wait 1 hr For Fluid Level To Drop.
	19:45 - 20:00	0.25	CIRC__	CFLD	PR1DRL	Circulate 9.8 BBLS Freshwater and Got Returns After Waiting 1 Hr.
	20:00 - 21:30	1.50	WAITON	ORDR	PR1DRL	Wait On Orders. Rig Personnel, Flagging & Securing Low Hanging Lines, Inspecting Fire Extinguishers and Misc. Cleanup.
	21:30 - 22:00	0.50	TEST__	CSG__	PR1DRL	Test 7" Casing and Perfs to 10 PPG EMW (660 psi with 8.4 PPG Freshwater @ 7,946'). Bled Air Out of Annulus, Closed Pipe Rams, and Pumped 1.2 BBS of Freshwater to 660 psi. Pressure Bled To 0 psi in 9 minutes.
	22:00 - 02:15 02:15 - 05:45	4.25 3.50	LOAD__ CIRC__	TRCK MUD__	PR1DRL PR1DRL	Use Vacuum Truck To Transfer 9.15 PPG Mud To Mud Pits. Displace Freshwater with 9.15 PPG Mud. Pumped ~260 BBLS Mud To Displace Freshwater. S/D Pumps (Volume Too Low To Pump/Circulate). Add 100 bbls Cut Brine Water (9.2 PPG) To Active

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Spud Date:
 Start: 4/12/2007 End:
 Rig Release: 11/1/2006 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/4/2007	02:15 - 05:45	3.50	CIRC__	MUD__	PR1DRL	System to Build Volume For Circulation. Install Rotate Rubber Before Circulating (Prevent Mud Overflow When Taking Returns Down Flowline). Circulate till we have 9.1 PPB In and Out.
	05:45 - 06:00	0.25	TEST__	CSG__	PR1DRL	Test 7" Casing and Perfs to 10 PPG EMW (370 PSI, with 9.1 PPG Mud @ 7946'). Closed Pipe Rams and Pumped .5 bbls of 9.1 PPG Mud to 370 psi. Pressure Bleed to 0 psi in 10 Minutes.
5/5/2007	06:00 - 12:00	6.00	CIRC__	MUD__	PR1DRL	Circulate & Condition Mud. (Treat 100 bbls Cut Brine that was added to System with Barazan for Vis. Properties). (Add 5 lb/bbl lcm into system: 10 sx baracarb 5, 10 sx baracarb 50, 10 sx baracarb 150, 10 sx mica fine, 10 sx barafiber. Circulate LCM throughout system, bypass shaker screens.)
	12:00 - 12:30	0.50	TEST__	CSG__	PR1DRL	Test 7" Casing and Perfs to 10 PPG EMW (331 PSI with 9.2 PPG Mud @ 7946'). Closed Annular Rams and Pumped .5 bbls of 9.1 PPG Mud to 370 psi. Pressure bled to 181 psi in 30 Minutes. (9.6 EMW).
	12:30 - 14:15	1.75	CIRC__	MUD__	PR1DRL	Circulate & Condition Mud. (Added 5 sxs SAPP to Mud Before Drilling Cement). No Losses.
	14:15 - 15:30	1.25	TEST__	CSG__	PR1DRL	Test 7" Casing and Perfs to 10 PPG EMS With 9.2 PPG Mud (331 PSI). Pump .5 BBLS Mud to 400 PSI Maximum. S/D Pumps. Initial Bleed Off To 337 PSI. Held 337 PSI for 7 Minutes. Then Pressure Increased to 339 and bled down to 235 PSI Within 2 Mins. The Pressure Held For 5 Mins. and Increased to 240 PSI. The Pressure Dropped Quickly to 205 PSI. Performed Test 3 Times Trying to Eliminate any Leaking Valves. Each Time The Initial Pressure Would Hold for 7 to 9 minutes W/O Leaking. Then Followed the Same Pattern. Called Office and Decided To Drill Cement, Shoe and 100' New Formation to 8,119'.
	15:30 - 17:15	1.75	RURD__	EQIP	PR1DRL	P/U & L/D 1 Jt. DP To Install Power Swivel. Mixed 80 BBLS Freshwater Mud With 6 sxs Barazan, & 10 Sxs Dextrid In Premix Tank to be Blended Into Active Mud System While Drilling Cement. Attempt to Lower Mud Weight in Active System To 8.9 PPG.
	17:15 - 18:15	1.00	DRILL__	CMT__	PR1DRL	Drill Cement (TOC @ 7,963') F/7,963' T/7,968'.
	18:15 - 18:45	0.50	REPAIR	RIG__	PR1DRL	Pason Working on Bit Weight Indication. Pason has to run new depth line in derrick. Waiting until he is not in the way to Start Drilling Again.
	18:45 - 22:00	3.25	DRILL__	CMT__	PR1DRL	Drill Cement F/7,968' T/7,974'.
	22:00 - 22:45	0.75	WAITON	OTHR	PR1DRL	Change Shaker Screens from 180 to 105 mesh. Screens loading up with LCM.
	22:45 - 04:00	5.25	DRILL__	CMT__	PR1DRL	Drill Cement F/7,974' T/8,007'.
	04:00 - 05:15	1.25	CIRC__	MUD__	PR1DRL	Building Mud Volume Full To 294 BBLS in Active System and Circulate B/U to Check For Losses Before Drilling Shoe. No Mud Losses.
	05:15 - 06:00	0.75	DRILL__	CMT__	PR1DRL	Drill Cement & Float Shoe F/8,007' T/8,019'.
	06:00 - 22:15	16.25	DRILL__	ROT__	PR1DRL	Drill 6 1/8" New Formation F/8,019' T/8,119'.
	22:15 - 00:00	1.75	CIRC__	MUD__	PR1DRL	Pason Recalibrated Depth Indication. Working.
	00:00 - 06:00	6.00	TRIP__	BHA__	PR1DRL	P/U Off Bottom. Circulate 2 B/U (Monitor for losses - No loss). Check Flow (No Flow)
5/7/2007	06:00 - 09:00	3.00	PULD__	BHA__	PR1DRL	Pump 25 BBL 10 PPB Slug, R/D Power Swivel, POOH for BHA Change. Monitor Fill While Tripping.
	09:00 - 15:00	6.00	TRIP__	BHA__	PR1DRL	P/U BHA #2 (Directional BHA). Test MWD.
	15:00 - 16:15	1.25	RURD__	OTHR	PR1DRL	RIH W/BHA #2.
	16:15 - 17:00	0.75	CIRC__	MUD__	PR1DRL	R/U Power Swivel, Strip Rubber. Change Shaker Screens to 180 mesh.
	17:00 - 18:30	1.50	DRILL__	SLID	PR1DRL	Circulate and Wash Last 50' to Bottom.
	18:30 - 19:45	1.25	DRILL__	ROT__	PR1DRL	Slide Drill F/8,119' T/8,129'.
					PR1DRL	Rotary Drill F/8,129' T/8,135'.

Operations Summary Report

Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007 End:
 Rig Release: 11/1/2006 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/7/2007	19:45 - 20:00	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,085', 2.41 Inc, 214.4 Azm.
	20:00 - 00:00	4.00	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,135' T/8,167'.
	00:00 - 00:15	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,117', 2.32 Inc, 206.7 Azm.
	00:15 - 02:30	2.25	DRILL_	SLID	PR1DRL	Slide Drill F/8,167' T/8,177'.
	02:30 - 04:45	2.25	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,177' T/8,198'.
	04:45 - 05:00	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,145', 3.04 Inc, 197.9 Azm
	05:00 - 06:00	1.00	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,198' T/8,210'.
5/8/2007	06:00 - 07:45	1.75	DRILL_	ROT_	PR1DRL	Rotary Drill 6 1/8" Hole F/8,210' T/8,230'
	07:45 - 08:00	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,180", 3.6 Inc, 190.8 Azm.
	08:00 - 09:45	1.75	DRILL_	SLID	PR1DRL	Slide Drill F/8,230' T/8,240'.
	09:45 - 11:30	1.75	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,240' T/8,262'.
	11:30 - 11:45	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,212', 3.7 Inc, 191.5 Azm.
	11:45 - 12:45	1.00	DRILL_	SLID	PR1DRL	Slide Drill F/8,262' T/8,269'.
	12:45 - 14:15	1.50	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,269' T/8,294'.
	14:15 - 14:30	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,244', 4.0 Inc, 186.9 Azm.
	14:30 - 16:00	1.50	DRILL_	SLID	PR1DRL	Slide Drill F/8,294' T/8,304'.
	16:00 - 18:00	2.00	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,304' T/8,321'.
	18:00 - 18:30	0.50	CIRC_	MUD_	PR1DRL	Circulate Mud, Shaker Screens Loaded Up, Mud Out was 9.2 and Vis 50, While Circulating added water to system. Put Returns back to shakers. Finish conditioning mud while drilling ahead. (Mud Wt 9.0, Vis 41).
	18:30 - 19:30	1.00	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,321' T/8,326'.
	19:30 - 19:45	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8, 276', 4.2 Inc, 175.4 Azm.
	19:45 - 22:00	2.25	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,326' T/8,342'.
	22:00 - 22:15	0.25	REPAIR	RIG_	PR1DRL	Repair Pump #1 and Put Back Online.
	22:15 - 00:45	2.50	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,342' T/8,356'
	00:45 - 01:00	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @ 8,307', 4.3 Inc, 162.7 Azm.
	01:00 - 05:15	4.25	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,356' T/8,389'.
	05:15 - 05:30	0.25	SURVEY	DIR_	PR1DRL	Survey Circulating @
	05:30 - 06:00	0.50	DRILL_	ROT_	PR1DRL	Rotary Drill F/8,389' T/8,393
5/9/2007	06:00 - 10:00	4.00	DRILL_	ROT_	PR1DRL	@ 06:00 Mud Weight 8.9 PPG and 39 Vis. Rotary drill from 8393' to 8421'. Ag 7/hr
	10:00 - 10:15	0.25	SURVEY	DIR_	PR1DRL	Survey 8339' 4.3 inc. Azm- 162.7 degrees
	10:15 - 12:00	1.75	DRILL_	SLID	PR1DRL	Slide from 8421' to 8431'. 90R
	12:00 - 15:45	3.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8431' to 8453'. Avg 5.8/hr
	15:45 - 16:00	0.25	SURVEY	DIR_	PR1DRL	Survey 8403' 4.0 inc. Azm- 161.7 degrees
	16:00 - 21:15	5.25	DRILL_	ROT_	PR1DRL	Rotary drill from 8453' to 8485'. Ag 6/hr
	21:15 - 21:30	0.25	SURVEY	DIR_	PR1DRL	Survey 8435 4.1 inc. Azm- 172.9 degrees
	21:30 - 02:00	4.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8485' to 8516'. Avg- 6.8/hr
	02:00 - 02:15	0.25	SURVEY	DIR_	PR1DRL	Survey 8466 4.2 inc. Azm- 177.7 degrees
	02:15 - 03:00	0.75	DRILL_	SLID	PR1DRL	Slide from 8516' to 8521'. 80L
	03:00 - 06:00	3.00	DRILL_	ROT_	PR1DRL	Rotary drill from 8521' to 8545'. Avg- 8/hr Full returns.
5/10/2007	06:00 - 07:00	1.00	DRILL_	ROT_	PR1DRL	Rotary drill from 8545' to 8545'. Avg- 8/hr Full returns.
	07:00 - 08:00	1.00	REPAIR	EQUIP	PR1DRL	Attempt to repair swivel. No success.
	08:00 - 08:30	0.50	TRIP_	DP_	PR1DRL	TOOH to shoe at 8009'.
	08:30 - 14:00	5.50	WAITON	EQUIP	PR1DRL	Wait on machanic.
	14:00 - 17:00	3.00	REPAIR	EQUIP	PR1DRL	Attempt to repair electrical problem with engine. No success.
	17:00 - 00:00	7.00	WAITON	EQUIP	PR1DRL	Wait on swivel.
	00:00 - 03:30	3.50	REPAIR	EQUIP	PR1DRL	Change out swivel. Connect all hoses. Test OK.
	03:30 - 04:30	1.00	TRIP_	DP_	PR1DRL	TIH with 9 stands of DP. Washed to bottom with no fill.
5/11/2007	04:30 - 06:00	1.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8550' to 8562'. Avg- 8/hr Full returns.
	06:00 - 08:30	2.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8550' to 8580'. Avg- 8/hr.

Operations Summary Report

Legal Well Name: INDIAN HILLS STATE COM 08

Common Well Name: INDIAN HILLS STATE COM 08

Event Name: RE-ENTRY

Contractor Name: Key Energy Services

Rig Name: Lencho Marquez

Spud Date:

Start: 4/12/2007

End:

Rig Release: 11/1/2006

Group:

Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/11/2007	08:30 - 08:45	0.25	SURVEY	DIR_	PR1DRL	Survey- 8530' 3.9 inc. Azm-174.7
	08:45 - 12:00	3.25	DRILL_	ROT_	PR1DRL	Rotary drill from 8580' to 8611'. Avg- 9.5/hr.
	12:00 - 12:15	0.25	SURVEY	DIR_	PR1DRL	Survey- 8561' 4.2 inc. Azm-172.9
	12:15 - 15:00	2.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8611' to 8643'. Avg- 11.6/hr.
	15:00 - 15:15	0.25	SURVEY	DIR_	PR1DRL	Survey- 8590' 4. inc. Azm-172.5
	15:15 - 16:30	1.25	REPAIR	EQIP	PR1DRL	Repair swivel. Break locked. Would not turn. Repaired.
	16:30 - 21:45	5.25	DRILL_	ROT_	PR1DRL	Rotary drill from 8643' to 8686'. Avg- 8.1/hr.
	21:45 - 22:00	0.25	REPAIR	EQIP	PR1DRL	Pump repair
	22:00 - 00:30	2.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8686' to 8707'. Avg- 8.4/hr.
	00:30 - 00:45	0.25	SURVEY	DIR_	PR1DRL	Survey- 8657' 3.8 inc. Azm-176.4
	00:45 - 01:45	1.00	DRILL_	SLID	PR1DRL	Slide from 8707' to 8712'. Avg 5/hr. 80L
	01:45 - 05:15	3.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8712' to 8739'. Avg- 7.7/hr.
	05:15 - 05:30	0.25	SURVEY	DIR_	PR1DRL	Survey- 8689' 3.9 inc. Azm-177.8
	05:30 - 06:00	0.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8739' to 8745'. Drilling with full returns. 9.1 ppg 40 vis, WL-6
5/12/2007	06:00 - 09:00	3.00	DRILL_	ROT_	PR1DRL	Rotary drill from 8745' to 8771'. Avg. 8.6 FPH.
	09:00 - 09:15	0.25	SURVEY	DIR_	PR1DRL	Survey. 8707'. Inc.- 3.8, Amz-176.4
	09:15 - 12:00	2.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8771' to 8803'. Avg.11.6 FPH.
	12:00 - 12:15	0.25	SURVEY	DIR_	PR1DRL	Survey. 8753'. Inc.- 3.6, Amz-172.5
	12:15 - 15:30	3.25	DRILL_	ROT_	PR1DRL	Rotary drill from 8803' to 8835'. Avg.9.8 FPH.
	15:30 - 15:45	0.25	SURVEY	DIR_	PR1DRL	Survey. 8785'. Inc.- 3.6, Amz-171.1
	15:45 - 19:00	3.25	DRILL_	ROT_	PR1DRL	Rotary drill from 8835' to 8866'. Avg.9.5 FPH.
	19:00 - 19:15	0.25	SURVEY	DIR_	PR1DRL	Survey. 8816'. Inc.- 3.7, Amz-175
	19:15 - 21:00	1.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8866' to 8878'. Slow P-rate.
	21:00 - 23:00	2.00	CIRC_	CFLD	PR1DRL	Circulate. Pumped slug.
	23:00 - 05:00	6.00	TRIP_	BHA_	PR1DRL	TOOH.
	05:00 - 06:00	1.00	PULD_	BHA_	PR1DRL	Lay down motor. PU new motor & PDC bit.
	06:00 - 07:30	1.50	PULD_	BHA_	PR1DRL	PU new motor & PDC bit. Test motor.
	07:30 - 14:00	6.50	TRIP_	BHA_	PR1DRL	TIH. Filled every 30 stands.
5/13/2007	14:00 - 14:45	0.75	CIRC_	CFLD	PR1DRL	PU power swivel. Washed to bottom. No fill.
	14:45 - 16:15	1.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8878' to 8898'. Avg 13.3 FPH
	16:15 - 16:30	0.25	SURVEY	DIR_	PR1DRL	Survey 8848'. Inc-3.4, Azm-171.8
	16:30 - 18:15	1.75	DRILL_	SLID	PR1DRL	Slide from 8898' to 8903'. 45R 2.8 FPH
	18:15 - 20:00	1.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8903" to 8930'. Avg 15.4 FPH
	20:00 - 20:15	0.25	SURVEY	DIR_	PR1DRL	Survey 8880'. Inc-3.4, Azm-178.5
	20:15 - 01:00	4.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8930" to 8962'. Avg 6.7 FPH
	01:00 - 01:15	0.25	SURVEY	DIR_	PR1DRL	Survey 8912'. Inc-3.8, Azm-183.8
	01:15 - 03:15	2.00	DRILL_	SLID	PR1DRL	Slide from 8962' to 8968'. 80L 3. FPH
	03:15 - 06:00	2.75	DRILL_	ROT_	PR1DRL	Rotary drill from 8968" to 8993'. Avg 9 FPH. Full returns.
	06:00 - 09:30	3.50	DRILL_	ROT_	PR1DRL	Rotary drill from 8968' to 9025'. Avg 9.1 FPH. PDC bit would not drill.
	09:30 - 12:00	2.50	CIRC_	CFLD	PR1DRL	Attempt to make bit drill. Increased bit weight & RPM's. Would not drill off. Circulate bottom's up. Pumped slug.
	12:00 - 17:00	5.00	TRIP_	BHA_	PR1DRL	TOOH.
	17:00 - 18:00	1.00	PULD_	BHA_	PR1DRL	Changed out bit. Caliper and test motor.
5/14/2007	18:00 - 18:45	0.75	TRIP_	BHA_	PR1DRL	TIH w/ 3 1/2" HWDP.
	18:45 - 21:00	2.25	SLPCUT	DLIN	PR1DRL	Cut drilling line.
	21:00 - 03:00	6.00	TRIP_	BHA_	PR1DRL	TIH w/ 3 1/2" DP.
	03:00 - 04:00	1.00	REAM_	OH_	PR1DRL	Install stripping head. PU Swivel. Washed to bottom at 9025'. 5' of fill.
	04:00 - 06:00	2.00	DRILL_	ROT_	PR1DRL	Rotary drill from 9025 to 9045'. Avg 10 FPH. Bottom's up gas 198 units. 9.2 ppg 40 vis.
	06:00 - 07:45	1.75	DRILL_	ROT_	PR1DRL	Rotate from 9045' to 9057'. Avg 6.8 FPH
	07:45 - 08:00	0.25	SURVEY	DIR_	PR1DRL	Survey 9007' Inc-3.2 Azm.-177.5
	08:00 - 09:30	1.50	DRILL_	SLID	PR1DRL	Slide from 9057' to 9067'. Avg 6.6 FPH
5/15/2007						

Marathon Oil Company

Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007
 End:
 Rig Release: 11/1/2006
 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/15/2007	09:30 - 12:30	3.00	DRILL_	ROT_	PR1DRL	Rotate from 9067' to 9089'. Avg 7.3 FPH
	12:30 - 12:45	0.25	SURVEY	DIR_	PR1DRL	Survey 9039' Inc-3.2 Azm.-177.5
	12:45 - 16:30	3.75	DRILL_	ROT_	PR1DRL	Rotate from 9089' to 9120'. Avg 8.2 FPH
	16:30 - 16:45	0.25	SURVEY	DIR_	PR1DRL	Survey 9070' Inc-3.5 Azm.-165.5
	16:45 - 21:00	4.25	DRILL_	ROT_	PR1DRL	Rotate from 9120' to 9152'. Avg 7.5 FPH
	21:00 - 21:15	0.25	SURVEY	DIR_	PR1DRL	Survey 9102' Inc-3.5 Azm.-165.5
	21:15 - 22:30	1.25	DRILL_	SLID	PR1DRL	Slide from 9152' to 9158'. Avg 4.8 FPH 90R
	22:30 - 01:00	2.50	DRILL_	ROT_	PR1DRL	Rotate from 9158' to 9184'. Avg 10.4 FPH
	01:00 - 01:15	0.25	SURVEY	DIR_	PR1DRL	Survey 9134' Inc-3.5 Azm.-163.1
	01:15 - 04:30	3.25	DRILL_	ROT_	PR1DRL	Rotate from 9184' to 9216'. Avg 9.8 FPH
	04:30 - 04:45	0.25	SURVEY	DIR_	PR1DRL	Survey 9166' Inc-3.7 Azm.-175.7
	04:45 - 06:00	1.25	DRILL_	ROT_	PR1DRL	Rotate from 9216' to 9230'. Avg 11.2 FPH, 9.3 PPG, 40 Vis, 6 WL. Full returns at 8/hr.
5/16/2007	06:00 - 08:00	2.00	DRILL_	ROT_	PR1DRL	Rotate from 9230' to 9247'. Avg 8.5 FPH,
	08:00 - 08:15	0.25	SURVEY	DIR_	PR1DRL	Survey 9127' Inc.- 3.7 , Azm.- 163.1
	08:15 - 09:00	0.75	DRILL_	SLID	PR1DRL	Slide from 9247' to 9254'. Avg 9.3 FPH
	09:00 - 12:30	3.50	DRILL_	ROT_	PR1DRL	Rotate from 9254' to 9279'. Avg 7.1 FPH,
	12:30 - 12:45	0.25	SURVEY	DIR_	PR1DRL	Survey 9229' Inc.- 3.7 , Azm.- 175
	12:45 - 15:15	2.50	DRILL_	ROT_	PR1DRL	Rotate from 9279' to 9297'. Avg 8 FPH. P-rate slowed to 2 FPH. No torque. Bit would not drill off. 70% lime, 30% shale.
	15:15 - 16:30	1.25	CIRC_	CFLD	PR1DRL	Circulate/Pump slug.
	16:30 - 23:00	6.50	TRIP_	BHA_	PR1DRL	TOOH w/ bit #4. Found bit to be OK. Lost slip cement off DC slips.
	23:00 - 02:00	3.00	REPAIR	RIG_	PR1DRL	Worked on Hydra-matic while waiting on Conebuster mill.
	02:00 - 06:00	4.00	TRIP_	BHA_	PR1DRL	TIH w/ conebuster mill. 4900' at 0600 hrs. Filling every 30 stands. Heavy rain during night.
5/17/2007	06:00 - 10:00	4.00	TRIP_	BHA_	PR1DRL	TIH w/ conebuster mill. Tag at 9126'.
	10:00 - 11:30	1.50	REAM_	OH_	PR1DRL	Pu swivel. Reamed from 9126' to 9248'. Stuck mill at 9248'.
	11:30 - 19:30	8.00	JAR_	BHA_	PR1DRL	Jarring stuck mill. Max pull 260K.
	19:30 - 23:30	4.00	RURD_	ELEC	PR1DRL	RD Power swivel. RU Baker Atlas WL. RIH w/ Free pt to 9248'. Stuck at mill. Backed-off 1 joint above mill at 9210'.
5/18/2007	23:30 - 01:00	1.50	RURD_	ELEC	PR1DRL	POOH w/ Free pt. RD WL Truck. L/D Swivel.
	01:00 - 06:00	5.00	TRIP_	BHA_	PR1DRL	TOOH with drill string.
	06:00 - 07:00	1.00	TRIP_	BHA_	PR1DRL	TOOH with drill string.
	07:00 - 09:30	2.50	PULD_	BHA_	PR1DRL	PU Screw-in sub, Jars, 6- 4 3/4" DC's, intensifier.
	09:30 - 13:30	4.00	TRIP_	BHA_	PR1DRL	TIH w/ fishing assembly on 3 1/2" HWDP & DP to 9200'.
	13:30 - 14:30	1.00	ENGAGE	FISH	PR1DRL	Washed to top of fish at 9210'. Screwed into fish. Break circulation. Jarred free after 10 hits.
5/19/2007	14:30 - 21:00	6.50	MILL_	JUNK	PR1DRL	Reamed from 9210' to 9297'. Milled on junk.
	21:00 - 22:30	1.50	CIRC_	CFLD	PR1DRL	Circulate bottom's up. Pumped slug.
	22:30 - 06:00	7.50	TRIP_	BHA_	PR1DRL	TOOH with with fishing tools & mill.
	06:00 - 09:00	3.00	PULD_	BHA_	PR1DRL	L/D 6- 4 3/4" DC's, jars, mill. L/D motor. PU bit, new motor & MWD. Scibe and test motor.
	09:00 - 14:30	5.50	TRIP_	DP_	PR1DRL	TIH w/ 3 1/2" drillstring.
	14:30 - 16:00	1.50	WASH_	FILL	PR1DRL	Install stripping rubber. PU power swivel. Wash ream from 9240' to 9298'. No fill.
	16:00 - 18:00	2.00	DRILL_	ROT_	PR1DRL	Rotary drill from 9297' to 9314'. Avg 8.5 FPH
	18:00 - 18:30	0.50	SURVEY	DIR_	PR1DRL	Survey 9264' Inc- 3.9/ Azm. 178.9
	18:30 - 21:00	2.50	DRILL_	ROT_	PR1DRL	Rotary drill from 9314" to 9346'. Avg 12.8 FPH
	21:00 - 21:15	0.25	SURVEY	DIR_	PR1DRL	Survey 9296' Inc- 3.9/ Azm. 180.6
	21:15 - 22:30	1.25	DRILL_	SLID	PR1DRL	Slide from 9346' to 9353'. 110 L Avg 5.6 FPH
	22:30 - 00:00	1.50	DRILL_	ROT_	PR1DRL	Rotary drill from 9353" to 9378'. Avg 16.6 FPH
	00:00 - 00:15	0.25	SURVEY	DIR_	PR1DRL	Survey 9228' Inc- 3.9/ Azm. 178.5
	00:15 - 00:30	0.25	DRILL_	SLID	PR1DRL	Slide from 9378' to 9383'. 350 AZM. Avg 20 FPH

Marathon Oil Company

Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007
 End:
 Rig Release: 11/1/2006
 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/19/2007	00:30 - 03:15	2.75	DRILL	ROT	PR1DRL	Rotary drill from 9383' to 9410'. Avg 27 FPH.
	03:15 - 03:30	0.25	SURVEY	DIR	PR1DRL	Survey 9360' Inc. 3.7/ Azm.- 172.2
	03:30 - 06:00	2.50	DRILL	ROT	PR1DRL	Rotary drill from 9410' to 9440'. Avg 12 FPH. Full returns. 9.3 ppg, 42 vis, WL 6
5/20/2007	06:00 - 06:45	0.75	SURVEY	DIR	PR1DRL	Survey 9391' Inc- 3.5/ Azm- 177.5
	06:45 - 07:15	0.50	DRILL	SLID	PR1DRL	Slide from 9441' to 9450'.
	07:15 - 09:15	2.00	DRILL	ROT	PR1DRL	Rotary drill from 9450' to 9473'.
	09:15 - 09:30	0.25	SURVEY	DIR	PR1DRL	Survey 9423' Inc.- 32. Azm- 179.6
	09:30 - 11:00	1.50	DRILL	SLID	PR1DRL	Slide from 9473' to 9482'.
	11:00 - 13:15	2.25	DRILL	ROT	PR1DRL	Rotary drill from 9482' to core point at 9505'.
	13:15 - 13:30	0.25	CIRC	CFLD	PR1DRL	Survey 9505' Inc.- 2.7. Azm- 175
	13:30 - 15:30	2.00	CIRC	CFLD	PR1DRL	Circulate. Dropped water loss. Pumped slug.
	15:30 - 22:30	7.00	TRIP	BHA	PR1DRL	TOOH. (SLM) No corrections.
	22:30 - 23:30	1.00	PULD	BHA	PR1DRL	L/D NMDC & motor. Bit- 4-4- I. Broken buttons on heel & inter row on cone #2 & 3.
	23:30 - 03:00	3.50			PR1DRL	PJSM. PU core barrels, core head, (2 5/8" core) inter barrels. Orient corebarrel. PU NMDC. Set in Gyro.
	03:00 - 04:00	1.00	TRIP	BHA	PR1DRL	TIH w/ 30 stands of drill pipe. Fill DP.
5/21/2007	04:00 - 06:00	2.00	RURD	OTHR	PR1DRL	RD Key swivel from rig floor. Set on unit. Move/set in Weatherford 4.5 power swivel. Crew change. TIH at 0600 hrs.
	06:00 - 11:00	5.00	TRIP	BHA	PR1DRL	TIH w/ 4 3/4" OD corebarrel. (stab- OD 5.843) Tag 9415'.
	11:00 - 12:30	1.50	PULD	EQUIP	PR1DRL	PU 4.5 Weatherford power swivel.
	12:30 - 17:15	4.75	REAM	OH	PR1DRL	Ream through tight spots from 9415' to 9505'.
	17:15 - 22:45	5.50	CORE	CONV	PR1DRL	Cut core # 1 from 9505' to 9521'. P-rate down to 1'/hr.
	22:45 - 23:45	1.00	CIRC	CFLD	PR1DRL	Circulate. Pump slug. L/D 4.5 power swivel.
	23:45 - 01:30	1.75	TRIP	BHA	PR1DRL	TOOH w/ 3 jts of DP. Tight. PU 4.5 power swivel. Backreamed at 9437'.
						Work through tight spot OK. L/D swivel.
5/22/2007	01:30 - 06:00	4.50	TRIP	BHA	PR1DRL	TOOH w/ core #1.
	06:00 - 09:30	3.50	TRIP	BHA	PR1DRL	TOOH w/ core #1.
	09:30 - 11:00	1.50	PULD	EQUIP	PR1DRL	PJSM. Pulled up to Gyro. L/D Gyro & NMDC. L/D inter barrels down on catwalk. Recovered 16 of core. (100% recovery) PDC corehead damaged. Appeared to have junk in hole.
	11:00 - 14:30	3.50	WAITON	OTHR	PR1DRL	Cut drill line while waiting on Globe basket.
	14:30 - 15:30	1.00	PULD	BHA	PR1DRL	PU junk basket break off old mill. M/U 5 3/4" OD Reverse Globe basket, junk basket, bit sub.
5/23/2007	15:30 - 21:00	5.50	TRIP	BHA	PR1DRL	TIH w/ Globe basket on 3 1/2" DP. Tagged at 9449'.
	21:00 - 02:00	5.00	REAM	OH	PR1DRL	PU 4.5 power swivel. Reamed from 9449' to 9505'. Reamed hard from (CP) 9505' to 9518'. Stopped reaming. PU, dropped ball. Pumped 880 stks of 1222 stks. Pressured up on drillstring. Globe basket ports appeared to be plugged off.
	02:00 - 02:30	0.50	TRIP	BHA	PR1DRL	L/D 4 joints with power swivel. Set back swivel.
	02:30 - 06:00	3.50	TRIP	BHA	PR1DRL	POOH w/ wet string.
	06:00 - 10:30	4.50	TRIP	BHA	PR1DRL	POOH w/ wet string.
	10:30 - 11:30	1.00	PULD	BHA	PR1DRL	L/D reverse Globe basket. Full of cutting & large pieces of shale.
	11:30 - 12:00	0.50	PULD	BHA	PR1DRL	Make up 6 1/8" bit, junk basket, float sub.
	12:00 - 18:00	6.00	TRIP	BHA	PR1DRL	TIH w/ 6 1/8" bit. Filled every 30 stands. Stopped at 9468'.
	18:00 - 18:30	0.50	PULD	EQUIP	PR1DRL	PU 4.5 Swivel. Make connection.
	18:30 - 06:00	11.50	REAM	OH	PR1DRL	Reamed from 9468' to 9503'. 2500-3000 ft/lb torque. 3-10K on bit. 10-12 K at 0600 hrs. Mixed sweeps. Recovering small amounts of fine sand. No excessive cutting.
						Reamed from 9503' to 9,904'.
						Change Stripping Rubber.
						Reamed From 9,504' To 9,521'.
5/24/2007	06:00 - 06:15	0.25	REAM	OH	PR1DRL	
	06:15 - 06:30	0.25	RURD	OTHR	PR1DRL	
	06:30 - 13:00	6.50	REAM	OH	PR1DRL	

Marathon Oil Company
Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08
Common Well Name: INDIAN HILLS STATE COM 08
Event Name: RE-ENTRY
Contractor Name: Key Energy Services
Rig Name: Lencho Marquez

Spud Date: 4/12/2007
End: 11/1/2006
Rig Release: 11/1/2006
Group:
Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/24/2007	13:00 - 06:00	17.00	DRILL_	ROT_	PR1DRL	Drill 6 1/8" Hole F/9,521' T/9561. Looking for 100% Shale to Start Coring. Make Connection @ 9,532'. MW 9.4, 51 Vis. Adjusting WOB & Rotary Speed to see if ROP increases. Lithology @ 9,559' 70% Shale and 30% Limestone.
5/25/2007	06:00 - 07:45	1.75	DRILL_	ROT_	PR1DRL	Drill 6 1/8" Hole F/9,561' T/9,564'.
	07:45 - 08:45	1.00	CIRC_	MUD_	PR1DRL	Circulate B/U. Lithology Sample is 80% Shale & 20% Limestone.
	08:45 - 09:45	1.00	REAM_	OH_	PR1DRL	Backream 2 jts. L/D Power Swivel. Pull 2 Stands of DP. No excessive drag or tight spots. RIH to 9,564' to check for fill. No Fill. Pump Slug & Check for Flow (no flow). POOH for BHA Change.
	09:45 - 14:30	4.75	TRIP_	BHA_	PR1DRL	Bit Was 1/8" out of Gauge. Ordered Smith XR400D Bit with Diamond Hard Facing to Ream With.
	14:30 - 16:30	2.00	WAITON	EQUIP	PR1DRL	Wait on Bit.
	16:30 - 17:00	0.50	SAFETY	MTG_	PR1DRL	Mixing 11.0 PPG Slug in Premix Tank & Service Rig While Waiting. Key Employees Held Mandatory Safety Meeting. Discussed JSA about RIH.
	17:00 - 22:45	5.75	TRIP_	BHA_	PR1DRL	TIH With BHA #9 T/9,469'. Fill Drill Pipe Every 30 Stands. P/U Power Swivel.
	22:45 - 00:45	2.00	REAM_	OH_	PR1DRL	Wash/Ream F/9,469' T/9,564'. Took 2K to 4K to ream F/9561 T/9,564'. Break in Bit and Drill Ahead.
	00:45 - 06:00	5.25	DRILL_	ROT_	PR1DRL	Drill 6 1/8" Hole F/9,564' T/9,581'. Mud 9.3 PPG, 41 Vis.
	06:00 - 19:45	13.75	DRILL_	ROT_	PR1DRL	Drill 6 1/8" Hole F/9,581' T/ Drilling Break @ 9,600' T/9,604' ROP Increased to 18.4 Ft/Hr, Gas 200 Units, Took Sample and Could See Gas Breaking out of shale. 90% Shale & 10% Limestone. Make Connection @ 14:00 hrs @ 9,627'.
5/26/2007	19:45 - 20:45	1.00	CIRC_	MUD_	PR1DRL	Circulate B/U. Check Flow. No flow.
	20:45 - 21:30	0.75	TRIP_	WIPR	PR1DRL	L/D Power Swivel. P/U & RIH 2 Stands to check fill. No fill. No excessive drag.
	21:30 - 21:45	0.25	CIRC_	MUD_	PR1DRL	Pump 11.0 PPG Slug.
	21:45 - 04:30	6.75	TRIP_	BHA_	PR1DRL	POOH for BHA Change. Fill Annulus Every 10 Stands. Found Bit #7 In Gauge and No Wear.
	04:30 - 06:00	1.50	PULD_	BHA_	PR1DRL	M/U BHA #10 (Coring BHA).
	06:00 - 07:00	1.00	PULD_	BHA_	PR1DRL	M/U BHA #10 (Coring BHA).
	07:00 - 13:00	6.00	TRIP_	BHA_	PR1DRL	TIH W/Coring Assembly #2. Fill DP Every 30 Stands.
	13:00 - 13:30	0.50	CIRC_	MUD_	PR1DRL	Break Circulation, P/U Power Swivel.
	13:30 - 14:15	0.75	REAM_	OH_	PR1DRL	Wash/Ream From 9,597' To 9,628'. Torq - 4500 to 5000, P/U Wt = 176K, S/O Wt = 140K, Rot Wt = 161K. Tagged Bottom of Hole @ 9,569' W/4K WOB. Run Survey.
	14:15 - 21:30	7.25	CORE_	CONV	PR1DRL	Core 60' of 6 1/8" Hole F/9,659' T/9,719' WOB = 4K, ROT = 50, GPM = 162
5/27/2007	21:30 - 22:45	1.25	CIRC_	MUD_	PR1DRL	Survey & Circulate B/U.
	22:45 - 23:15	0.50	FLOW_	CHEK	PR1DRL	Check Flow (No Flow). Change packing in lubricator pump on #1 Mud Pump.
	23:15 - 00:00	0.75	CHANGE	EQUIP	PR1DRL	Pump Slug, L/D Power Swivel
	00:00 - 06:00	6.00	TRIP_	BHA_	PR1DRL	POOH With Coring BHA. Filling Annulus Every 10 Stands. Tight Spot @ 9,530'. P/U Wt = 180K, Pulled To 205K to get through.
						Work Pipe back down past 9,530'. P/U to 9,530' and had to pull 205K to get through again. Continue to POOH with no excessive drag in

Operations Summary Report

Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007 End:
 Rig Release: 11/1/2006 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/27/2007	00:00 - 06:00	6.00	TRIP__	BHA__	PR1DRL	remaing open hole.
5/28/2007	06:00 - 08:30	2.50	TRIP__	BHA__	PR1DRL	POOH, Filling HWDP Every 10 Stands.
	08:30 - 10:00	1.50	PULD__	BHA__	PR1DRL	L/D Coring BHA Assembly. Cutting 60' of Core Sample for Evaluation. While Waiting on Evaluation of Core, Slip & Cut Drill Line.
	10:00 - 11:00	1.00	SLPCUT	DLIN	PR1DRL	Slip & Cut Drill Line.
	11:00 - 12:30	1.50	RURD__	EQUIP	PR1DRL	Centrifuge Motor on Mud Pit is Out of Service. Running lines From Mud Pump #2 to Pits to be used for mixing mud, while waiting on Centrifuge Motor.
	12:30 - 14:00	1.50	PULD__	BHA__	PR1DRL	M/U BHA.
	14:00 - 22:00	8.00	TRIP__	BHA__	PR1DRL	TIH. Filling DP Every 30 Stands. Found Tight Spot At Approximately 9,530'. Work Pipe Through with 4k S/O Weight. Tagged Bottom @ 9,718' (1' Fill) P/U Power Swivel & Wash F/9,622' T/9,719 Orient GyroData Survy Tool.
	22:00 - 22:15	0.25	CORE__	CONV	PR1DRL	Core 6 1/8" Hole F/9,719' T/9,721'.
	22:15 - 22:30	0.25	SURVEY	DIR__	PR1DRL	Make Connection and Take Survey.
	22:30 - 04:30	6.00	CORE__	CONV	PR1DRL	Core 6 1/8" Hole F/9,721' T/9,781'. P/U Wt = 178K, S/O Wt = 146K, Rot Wt = 160K Trip Gas 200 Units. Last Sample @ 9,780' 70% Shale & 20% Limestone.
5/29/2007	04:30 - 06:00	1.50	CIRC__	MUD__	PR1DRL	Take Survey, P/U T/9,753' & Circulate B/U.
	06:00 - 06:30	0.50	CIRC__	MUD__	PR1DRL	Pump Slug, Check Flow (No Flow).
	06:30 - 07:00	0.50	PULD__	EQUIP	PR1DRL	L/D 1 jt DP. L/D Power Swivel.
	07:00 - 13:00	6.00	TRIP__	BHA__	PR1DRL	POOH W/Core #3. Filling Every 10 Stands. No excessive Drag.
	13:00 - 17:00	4.00	PULD__	BHA__	PR1DRL	L/D Coring BHA onto Catwalk. Cut 61' of Core Samples. Cleared area while cutting cores and Change Shaker Screens.
	17:00 - 17:15	0.25	PULD__	BHA__	PR1DRL	Put 15 jts of DP on Rack and Strap. P/U BHA #11.
	17:15 - 23:00	5.75	TRIP__	BHA__	PR1DRL	TIH W/BHA #11. Filling Every 30 Stands. Tagged Bottom @ 9,779' (2' Fill) P/U Power Swivel.
	23:00 - 23:30	0.50	WASH__	FILL	PR1DRL	SPR = 40 SPM @ 433 PSI.
	23:30 - 00:00	0.50	WASH__	FILL	PR1DRL	Wash and Ream F/9,780' T/9,781'.
	00:00 - 06:00	6.00	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,781' T/9,810' @ 06:00 the 9.5 PPG MW, 43 Vis, 10 PH.
5/30/2007	06:00 - 06:45	0.75	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,810' T/9,815'.
	06:45 - 07:15	0.50	CHANGE	EQUIP	PR1DRL	Make Connection and Change Stripping Rubber.
	07:15 - 11:45	4.50	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,815' T/9,848'
	11:45 - 06:00	18.25	REPAIR	RIG__	PR1DRL	S/D For Power Swivel Repair. Power Swivel Leaking Unit leaking Hydraulic Oil and Cannot Get Any RPM's to Swivel. Wait on Mechanic. Changed Out Power Swivel Hydraulic Unit. Started Unit and Found that the Power Swivel Head is leaking. Repairing.
5/31/2007	06:00 - 13:00	7.00	REPAIR	RIG__	PR1DRL	Circulated & Working DP Slowly & Circulating. S/D For Power Swivel Repair. Changed out Power Swivel Head and Elevators. Test and working fine.
	13:00 - 14:00	1.00	REPAIR	RIG__	PR1DRL	Flange leaking between Annular and Flowline (non pressure side). Change R46 Gasket before drilling Ahead
	14:00 - 17:30	3.50	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,848' T/9,856'
	17:30 - 18:00	0.50	REPAIR	RIG__	PR1DRL	Pump #1 Shut Down. R/U Lines to Run Pump #2.
	18:00 - 19:00	1.00	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,856' T/9,858'.
	19:00 - 19:30	0.50	REPAIR	RIG__	PR1DRL	Mud Pump #2 Repair Leak. Mud Pump #1 Down for Engine Problems.
	19:30 - 21:15	1.75	DRILL__	ROT__	PR1DRL	Drill 6 1/8" Hole F/9,858' T/9,860'.

Marathon Oil Company

Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08	Spud Date:
Common Well Name: INDIAN HILLS STATE COM 08	
Event Name: RE-ENTRY	Start: 4/12/2007
Contractor Name: Key Energy Services	End:
Rig Name: Lencho Marquez	Rig Release: 11/1/2006
	Group:
	Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
5/31/2007	19:30 - 21:15	1.75	DRILL	ROT	PR1DRL	TD Well @ 9,860'.
	21:15 - 23:30	2.25	CIRC	CFLD	PR1DRL	Circulate Hole Clean (12000 Stokes)
	23:30 - 00:00	0.50	FLOW	CHEK	PR1DRL	Check for Flow. No Flow. L/D 1 Jt and L/D Power Swivel.
	00:00 - 02:15	2.25	TRIP	WIPR	PR1DRL	POOH to 7,974'. No Tight Spots.
	02:15 - 04:00	1.75	TRIP	WIPR	PR1DRL	RIH Tagged Bottom @ 9,860'. No Excessive Drag or Tight Hole.
	04:00 - 05:45	1.75	CIRC	MUD	PR1DRL	Circulate B/U. Check for Flow (No Flow). Pump Slug.
	05:45 - 06:00	0.25	TRIP	BHA	PR1DRL	POOH. Strap & Rabbit 120 Stands of DP (~7,440'). Will Rack Back the Remaining Drill Pipe, HWDP, Jars, & Bit Sub. R/D PDC Bit and Gauge.
6/1/2007	06:00 - 15:30	9.50	TRIP	BHA	PR1DRL	POOH. Strap & Rabbit 120 Stands of DP (~7,440'). Will Rack Back the Remaining Drill Pipe, HWDP, Jars, & Bit Sub. R/D PDC Bit and Gauge.
	15:30 - 17:15	1.75	RURD	EQUIP	PR1EVL	L/D Weatherford Power Swivel and P/U rig Power Swivel.
	17:15 - 18:00	0.75	RURD	ELEC	PR1EVL	Held Safety Meeting about Wireline Operations. P/U Wireline Equipment.
	18:00 - 19:15	1.25	RUNPUL	ELEC	PR1EVL	RIH W/Wireline to Wireline MD 9,889'.
6/2/2007	19:15 - 22:00	2.75	RUNPUL	ELEC	PR1EVL	Log to casing 8,019'
						Ran Gamma Ray, Compensated Neutron, Hi Res Laterolog Array Micro-CFL & Three Detector Litho-density. POOH W/Wireline
	22:00 - 23:15	1.25	RURD	ELEC	PR1EVL	R/U Wireline & RIH With Well Logging Run #2. (ECS)
	23:15 - 04:45	5.50	RUNPUL	ELEC	PR1EVL	POOH W/Well Logging Run #2.
	04:45 - 06:00	1.25	RURD	ELEC	PR1EVL	R/U Logging Run #3 (Diapole Sonic and FMI)
	06:00 - 07:45	1.75	RUNPUL	ELEC	PR1EVL	RIH W/ Well Logging Run #3 (Diapole Sonic and FMI)
	07:45 - 12:30	4.75	RUNPUL	ELEC	PR1EVL	POOH W/Well Logging Run #3.
	12:30 - 14:30	2.00	RUNPUL	ELEC	PR1EVL	RIH W/Rotary Coring Assembly on Wireline. Took 30 Core Samples.
	17:30 - 18:30	1.00	RUNPUL	ELEC	PR1EVL	POOH W/ Rotary Coring Assembly on wireline.
	18:30 - 19:00	0.50	RURD	ELEC	PR1EVL	R/D Wireline.
	19:00 - 20:00	1.00	PULD	BHA	PR1EVL	P/U BHA #12.
	20:00 - 02:00	6.00	TRIP	BHA	PR1EVL	RIH W/BHA #12. Strap In Hole. Filling Every 30 Stands. Tagged Bottom @ 9847' (13' of Fill).
	02:00 - 03:00	1.00	PULD	EQUIP	PR1EVL	P/U Power Swivel
	03:00 - 04:45	1.75	WASH	FILL	PR1EVL	Wash Down F/9,847' T/9,860'. Change Rotating Rubber.
6/3/2007	04:45 - 06:00	1.25	CIRC	MUD	PR1EVL	Circulate & Condition Hole. (Rotate @ 10 RPM While Circulating). Mud Weight 9.6 PPG, 41 VIS.
	06:00 - 06:15	0.25	CIRC	MUD	PR1EVL	Circulate & Condition Mud (Mud Wt 9.6 PPG, 41 Vis)
	06:15 - 07:00	0.75	FLOW	CHEK	PR1EVL	Check Flow, No Flow, Pump Slug (10 PPG Brine), L/D Power Swivel.
	07:00 - 17:00	10.00	TRIP	BHA	PR1EVL	POOH, Strap & Rabbit ~7,400' DP. Lay Down Remaining Drill Pipe, HWDP, and BHA.
	17:00 - 18:45	1.75	RURD	CSG	PR1CSG	R/U Casing Crew. Held Pre-Job Safety Meeting With Allen's Casing Crew.
	18:45 - 00:00	5.25	RUN	CSG	PR1CSG	P/U 4.5" Liner. (Double Ported Float Shoe, 2 jts 4.5" Csg., Landing Collar W/Baffle, 55 jts of 4.5" Csg., ZXP Packer Assembly W/Setting Tool, Bumper Sub (Liner & Hanger Total Length 2,628.98')
	00:00 - 01:00	1.00	RURD	CSG	PR1CSG	R/D Allen's Casing Crew While Preparing Linerhanger on floor.
	01:00 - 06:00	5.00	RUN	CSG	PR1CSG	TIH W/ Liner on 3.5" DP To 8,010' (Shoe Depth). Install Rotating Rubber.
6/4/2007						@ 06:00 Continue To RIH W/Liner
	06:00 - 08:00	2.00	RUN	CSG	PR1CSG	TIH W/ Liner (4.5", 2,628.98') on 3.5" DP and tagged bottom at 9,884'.
	08:00 - 09:00	1.00	PULD	EQUIP	PR1CSG	P/U Cement Head and Rig Up Halliburton Cement Lines.
	09:00 - 10:00	1.00	CIRC	MUD	PR1CSG	Circulate B/U.
	10:00 - 11:00	1.00	SETREL	LNR	PR1CSG	Got P/U Wt 162K, S/O Wt 132K, and Neutral Wt 138K. Released Hanger Setting Ball and Let Fall 30 Minutes. Pressured Up to 1700 PSI to release hanger. Check for hanger release and slacked off to 80K.
	11:00 - 11:30	0.50	CIRC	MUD	PR1CSG	Connect cement head to rig pump and circulate while waiting on batch

Marathon Oil Company
Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08
Common Well Name: INDIAN HILLS STATE COM 08
Event Name: RE-ENTRY
Contractor Name: Key Energy Services
Rig Name: Lencho Marquez

Spud Date:
Start: 4/12/2007
End:
Rig Release: 11/1/2006
Group:
Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/4/2007	11:00 - 11:30	0.50	CIRC__	MUD__	PR1CSG	treatment of cement slurry.
	11:30 - 12:00	0.50	PUMP__	CMT__	PR1CSG	Pumped 10 bbls fresh water. Pump 20 bbls of Mud Flush ZI SBM Spacer. Pumped 5 bbls freshwater. Pumped 70 bbls 50/50 Premium POZ Cement @ 5 bbls/min.
	12:00 - 12:45	0.75	PUMP__	CMT__	PR1CSG	Drop Float Plug and Displace with 40 bbls freshwater and 53.5 bbls 9.6 PPG Mud.
	12:45 - 13:00	0.25	SETREL	PKR__	PR1CSG	Bump Plug 700 psi over to 1,700 psi. Set Packer and Shear Off.
						ZXP Packer W/HR Profile and 10' Extension Set at F7,248' T/7,268.32'. Cementing PBR Set F/7,268.32' T/7,273.26'. HMC Hanger Set F/7,273.26' T/7,280.02'. Crossover Set F/7,280.02' T/7,285.57'
						55 Jts of 4.5", L80, 11.63#, LTC Casing set F/7,285.57' T/9,764.11' Type 1 Landing Collar With Baffle set F/9,764.11' T/9,765.69' 2 jts of 4.5", L80, 11.63#, LTC Casing set F/9,765.69' T/9,858.62' Type V Double Valve Float Shoe set F/9,858.62' T/9,860.34'
	13:00 - 13:30	0.50	PULD__	BHA__	PR1CSG	Break Cement Head and Single Jt DP. Racked Back 2 Stands of DP. Hook Up Cement Head and 1 jt DP Leaving Bottom of landing string approximately 30' from top of hanger.
6/5/2007	13:30 - 15:00	1.50	CIRC__	CFLD	PR1CSG	Reverse Circulate with freshwater W/Halliburton pump 250 bbls. While Displacing, Vacuum approximately 400 bbls of 9.6 PPG Mud to Frac Tank for Storage to be used on Smith Federal #4. Check for flow. No Flow.
	15:00 - 01:00	10.00	TRIP__	DP__	PR1CSG	POOH. Fill annulus every 20 stands. Laydown Drill Pipe on Trip.
	01:00 - 06:00	5.00	NUND	BOPE	PR1CSG	N/D BOP Stack, Preparing Rig for Move to Smith Federal #4.
	06:00 - 07:15	1.25	CLEAN	RIG__	RDMO	Preparing Rig for R/D. Steam Cleaning Rig. Preparing to Clean Mud Pits.
	07:15 - 18:00	10.75	CLEAN	TANK	RDMO	Rigging Down 3rd Party Equipment. L/D Derrick and Steam Clean. Continue to prepair for rig move. Clean Mud Pits. Release Rig to Smith Federal #4. Prepare for rig move.
6/14/2007	07:00 - 19:00	12.00	CLNOUT	CSG__	MIRU	<i>Final Report</i> TSM. Waited 7500' of 3 1/2 pipe to arrive on location. Talley pipe, RIH w/ 6 1/8" bit and scraper on 3 1/2 tubing to hard tag @7263' started POOH with 30 stands SDFN.
6/15/2007	07:00 - 19:00	12.00	TAG__	BOTM	CLNOUT	Finish POOH with 3 1/2 , PU and RIH w/ 3-7/8" bit and scraper on 3 1/2 workstring and clean out 4 1/2 " liner to 9738'. Shows PBTD at 9764' (Tag soft at 9764') talk to Engineer if need to go ahead and drillout the remaining 36' but decided to come out of the hole and circulate well clean. Pressure tested ZXP packer/ liner lap to 1000 psi for 15 minute held. POOH with 20 stands and SDFN
6/16/2007	07:00 - 18:00	11.00	CLNOUT	TBG__	CLNOUT	TGSM. Finish POH with 3 1/2 and 2 7/8 workstring. Ran mill back in the hole on the work string to 9738'. Hook up Halliburton and pump 1000 gallon of 15% HCL pickling acid thru the workstring. (Pump ACID at 1 bbls rate). Flushed with 70 bbls fresh water. Reversed out spent acid with 320 Bbls of 7 1/2 KCL with 3 gal/1000 claystay. (rate on KCl @3 bbls rate). Rig down Halliburton and SDFN.
6/18/2007	07:00 - 17:00	10.00	CLNOUT	TBG__	CLNOUT	TGSM. Finish POOH with 3 1/2 and 2 7/8 workstring. SDFN Baker Atlas man was not up to date on safety requirment, had to run over to Callaway safety to get certified.
6/19/2007	06:00 - 23:00	17.00	PERF__	CSG__	CMPPRF	TGSM. Pick up 3 3/8 "TCP gun assembly set to fire 6 SPF at 60 degree

Marathon Oil Company

Operations Summary Report

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Legal Well Name: INDIAN HILLS STATE COM 08
 Common Well Name: INDIAN HILLS STATE COM 08
 Event Name: RE-ENTRY
 Contractor Name: Key Energy Services
 Rig Name: Lencho Marquez

Spud Date:
 Start: 4/12/2007
 End:
 Rig Release: 11/1/2006
 Group:
 Rig Number: 356

Date	From - To	Hours	Code	Sub Code	Phase	Description of Operations
6/19/2007	06:00 - 23:00	17.00	PERF__	CSG__	CMPPRF	phasing at depths with 3 1/2 and 2 7/8 workstring pressure testing to 9000# back in the hole. RU baker Atlas in hole space out gun assembly and packer using GR to correlate to open hole Litho-Density. POOH w/wireline with RD Baker Atlas. Spaced out tubing hanger and set packer in neutral. Set down 10 points tubing string weigh on packer, pressured test annulus to 1000# to check packer, Pump 6 bbls 7 1/2 KCL water with 3 gal/1000 Clay- stay down tubing. NU 15000# frac valves in series, Pressured up tubing to 1650# with Nitrogen, Dropped bar and shot perforating charge. After firing guns, tubing gauge jump to 1700#. Rigged up to flow back to frac tank within 2 hours had pressures up to 2700#. Weatherford started to flow back to tank. (Perforation intervals 9494'-9506' 6 SPF 60 Degree)
6/20/2007	07:00 - 14:00	7.00	FLOW__	BACK	SLICK	TGSM. Started well flowback to frac at 12:30 AM at 2900# well head pressure, On 20/64 choke, At 8:30 AM ran wireline in hole to 9600' verified the gun had dropped . At 10:00AM shutin pressure was 3000#, Layed piping and started flowing to sales at 1:30 PM on a 12/64 choke. Weatherford well testing men are monitor pressures and flow rates hourly. Well from 7:00 PM on has lined out holding a 12/64 choke with 2500# wellhead flowing 1.8 million.
6/21/2007	07:00 - 15:00	8.00	PERF__	CSG__	CMPPRF	Well is holding steady from midnight to 6:00 AM at 12/ 64 choke at 2500# wellhead pressure, making 1.8 million. Will be monitoring well thru the day.
6/22/2007	07:00 - 17:00	10.00	FLOW__	BACK	CMPPRF	Well pressure is holding at 2600#, The manifold at wellhead is set on 11/64 choke, the stackpack that is downstream 50' from wellhead is set on 12/64 choke. Yesterday 24 hour average was 1.570 million. Will monitor thru the weekend and on Monday run in and set blank and plug to pull out workstring and run back 2 3/8 tubing.
6/25/2007	07:00 - 19:00	12.00	FLOW__	BACK	CMPPRF	TSM, Ark wireline ran in an set blank and plug. Was not able to get set in XN nipple at 9444', After few runs had to set in the X profile nipple at 9407' Rigged wireline down and Pressure tested tubing to 1000# ,plug held. Blewdown backside and start out of hole, pulled 15 stands of 3 1/2 , SDFN.
6/26/2007	07:00 - 19:00	12.00	PULD__	TBG__	CMPRUN	TSM, Finish pulling remaining 270 joints of workstring of 3 1/2 and 2 7/8 tubing out of the hole. Talley the 2 3/8 tubing and ran 235 joint back in hole. SDFN
6/27/2007	07:00 - 21:00	14.00	PULD__	TBG__	CMPRUN	TSM, Finish running in 67 joints of 2 3/8 tubing in hole. Tree up well. Pump 29 bbls of 7 1/2 KCL and clay stay on backside and tested packer to 1000#. Ran in wireline and pulled plug. Came out of hole and changed equipment over, then ran back in pressure bomb and check pressures . (Hit Fluid at 800' from surface). Came out of hole and rigged wireline equipment down. Rigged up and swabbed well , made three runs and well kick off. Flowed to frac tank for two hours to unload fluid, then sent gas back down the sales line. Set rate at 1.3 million holding 2400#. Will monitor thru the night.