Southern U.S. Business Unit Domestic Production



P. O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

Yates Asset Team FAX 915/687-8287



Date:	HAMIN 10 LV
To:	RICHARO EZEANYM
Company:	NMOCD
Phone No.:	505 476.3471
Re:	INDIAN HILLS U. #30
-	
From:	WALTER DUECASE
Phone No.:	915-687-8294
	Pages (Including this Cover Page): 23
☐ Urgent ☐ F	or Review Please Comment Please Reply
Comments:	
	RIGINAL APPLICATION 8/3/01, ADMIN. COVER
SHEET HAND	DELIVERED TO MR. STOCKER 8/8/01,
	N OF IHU #6 AS AN ATOKA COMPLETION.
THANKS FOR Y	low HEID
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If you do not receive all of the pages or if there is a problem receiving this fax, please call Dana at 915/687-8288.

Southern Business Unit Domestic Production



P.O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

August 3, 2001

Mr. Michael Stogner Oil Conscrvation Division 1220 S. St. Francis Dr. Santa Fe. New Mexico 87504

RE: Application for administrative approval for an exception to the well location requirements provided within the "Special Rules and Regulations for the Indian Basin Morrow Gas Pool," as promulgated by the New Mexico Oil Conservation Division Orders No. R-8170-O-1/R-2441-B, issued in Case No. 11512 and dated July 31, 1996, and R-8170-O-2/R-2441-C, dated August 15, 1996, for the infill well, Indian Hills Unit Well No. 36.

Dear Mr. Stogner

Marathon Oil Company respectfully requests administrative approval to produce the Morrow formation from the unorthodox bottom hole location of Indian Hills Unit Well No. 30. This well has a surface location of 1494' FSL and 688' FWL, Section 20, Township 21 South, Range 24 East. The top of Morrow formation is at 1493' FNL and 1523' FWL, and the bottom of the Morrow formation is at 1364' FNL and 1578' FWL of Section 20, Township 21 South, Range 24 East (please see Attachment #1 – Bottom hole location of Indian Hills Unit Well No. 30). This well is unorthodox in the Morrow formation because it infringes upon the 330-foot quarter-quarter setbacks as set forth by the above referenced Division Orders.

In support of this application, details will be provided as to why the Indian Hills Unit Well No. 30 was not drilled to a standard Morrow bottom hole location. These details will include a discussion of how the well fits into Marathon's reservoir management plan, the surface location of the well, the direction plan, and drilling history of the well.

Reservoir Management Plan:

Marathon's original plan for the Indian Hills Unit Well No. 30 was for the well to be a temporary Devonian disposal well for 6-24 months. As Marathon enters its final anticipated infill development phase of the Indian Basin Associated Pool, water production is reaching peak levels. Water removal from the Upper Pennsylvanian formation is critical to lowering reservoir pressure and allowing co-production of the remaining recoverable oil and gas reserves. Marathon's water production is expected to temporarily exceed the current disposal capacity provided by its five existing Devonian

disposal wells. Thus Marathon had a need for a temporary Devonian disposal well. Marathon's reservoir model of the Upper Pennsylvanian formation suggests that in the next one to two years, water production from the field will decline as the aquifer supporting the reservoir will not be able to support the numerous high volume wells producing from the Upper Pennsylvanian formation. The need for the additional disposal capacity is expected to last no more than two years.

After abandoning the Devonian, the Indian Hills Unit Well No. 30 was planned to become the Upper Pennsylvanian producer for the NW/4 of Section 20. This location provides the 160-acre well spacing that Marathon currently believes is optimal for gas recovery from the Upper Pennsylvanian formation. This is also advantageous for the location of the Devonian because the well's bottom hole location is located approximately one half mile away from the current salt water disposal wells and hence minimizes the risk of pressure interference with current disposal wells.

Marathon's third and final objective of the Indian Hills Unit Well No. 30 was to evaluate the Morrow formation in the NW/4 of Section 20. The Indian Basin Morrow Gas Pool continues to be a secondary objective that can only be economically explored in conjunction with the drilling of an Upper Pennsylvanian well (please refer to Page 2, subsection 5(a) of Case No. 11512, dated July 31, 1996, regarding Division Order R-8170-O-1).

Spiraling drilling costs have forced Marathon to prematurely end the year 2001 drilling program and ultimately reconsider how the Indian Hills Unit Well No. 30 can be best utilized. Because no additional wells will be drilled this year, Marathon's current water disposal capacity is expected to remain adequate for at least six to twelve months. Hence the Indian Hills Unit Well No. 30 will not be completed in the Devonian until sometime in the year 2002. If the water production decline from the field exceeds current expectations, additional salt water disposal may never be needed. Marathon cannot complete Indian Hills Unit Well No. 30 to the Upper Pennsylvanian formation at this time because the current disposal wells will not be able to handle the anticipated 10,000 barrels of water per day that such a completion could produce. Therefore, at this point in time, the Indian Hills Unit Well No. 30 is an unutilized wellbore.

Surface Location:

In planning a surface location for Indian Hills Unit Well No. 30, several considerations had to be made prior to selecting the current location of 1494' FSL and 688' FWL in Section 20 (please see Attachment #2 – Surface Topographic/Facility map). Extensive topographical relief throughout Section 20 resulted in the well being pushed into the SW/4 of the section. By placing the well in close proximity to the existing Rocky Hills #2 salt-water disposal well and using a portion of its drilling pad, Marathon was able to significantly reduce surface disturbance. The final benefit of the location is the close proximity to the existing injection facilities, which thus minimizes the environmental risk associated with disposal lines.

Directional Plan

Marathon's directional plan for Indian Hills Unit Well No. 30 was designed primarily around the desired bottom hole locations of the Upper Pennsylvanian and Devonian formations. Because the Morrow was the lowest priority horizon for the Indian Hills Unit Well No. 30, the downhole location was optimized for the Upper Pennsylvanian and Devonian formations. Two geologic features dominated the directional planning for the Indian Hills Unit Well No. 30. The first of these is a fault that cuts north-south through Section 20 (please see Attachment #3 - Structure Map of the Upper Pennsylvanian formation). The second feature is the transition zone between the productive dolomite facies and the non-productive limestone facies of the Upper Pennsylvanian formation.

Marathon does not currently have 3D seismic data over Section 20. As a result, the precise location of the fault and the transition zone are not known. Marathon wanted to remain a safe distance from both of the above geologic features. Since there is limited information on the nature of the fault in Section 20, it is currently unknown if the fault is a sealing feature or an open flow conduit. If the bottom hole location was to have encroached on the fault, Marathon is concerned that a sealing fault could limit injectivity into the Devonian. On the flip side, if the fault is an open conduit, water disposal near the fault could result in water migration up the fault into the Upper Pennsylvanian formation. Indian Hills Unit Well No. 30 is a northern step-out in the Upper Pennsylvanian from existing production. Due to the poor well control of the dolomite/limestone transition zone, the directional plan attempted to keep a sufficient distance from the transition zone to ensure sufficient dolomite was drilled to efficiently drain the NW/4 of Section 20.

Drilling History:

Marathon ultimately had severe difficulty drilling the Indian Hills Unit Well No. 30. A total of 107 days and nearly \$5,000,000 were spent drilling the well due to multiple sidetrack attempts. In order to hit the bottom hole targets desired by the reservoir management plan from the surface location selected, Indian Hills Unit Well No. 30 had to be directionally drilled into the NW/4 of Section 20 resulting in a directional kick of over 2500' to the top of the Devonian formation.

While drilling the original directional plan, the drill string became stuck in the Upper Pennsylvanian at ~8200' due to differential sticking and what was believed to be sloughing shale from the Wolfcamp formation. Fishing operations for the bottom hole assembly were unsuccessful and Marathon was forced to sidetrack around the fish. The first sidetrack was kicked off at ~6100' to the east of the original well path (please refer to Attachment #4). Unfortunately, the first sidetrack became stuck again in the Upper Pennsylvanian formation at ~8100'. This time, torque and drag resulting from numerous doglegs up the hole and differential sticking were believed to be the cause. Fishing operations were again unsuccessful thus leaving a 400' fish in the hole.

After revising the casing program and the directional drilling technique, the well was plugged back to above 4000' to get above the doglegs that were believed to be primarily responsible for losing the first sidetrack. In order to further minimize doglegs on the second sidetrack, Marathon had to sidetrack to the west of the original directional plan. Marathon was ultimately able to successfully drill the well to total depth.

Waivers

All offset operators have been notified by Certified Mail of Marathon's intentions of producing the Unorthodox Morrow bottom hole location in Indian Hills Unit Well No. 30. Enclosed is a copy of the waiver letter that was sent to all offset operators.

Marathon regrets that this unorthodox application was not submitted prior to drilling the well to a nonstandard location. Several members of our team attended your recent Industry Training Seminar presentation in Midland, Texas on May 16, 2001. Because the Indian Hills Unit Well No. 30 was spudded on April 7 of this year, Marathon was unable to apply what we learned in your course to this well. However, we now have a much clearer understanding of the importance of ensuring all potentially productive formations are penetrated at orthodox locations. Further, where an orthodox location is not possible for all depths, we are now aware that administrative approval for any unorthodox formation should be received prior to commencement of drilling operations.

Should you have any questions/comments/concerns, please contact me at (915) 687-8306.

Respectfully,

Steven F. Millican Operations Engineer

Marathon Oil Company

DISTRICT 1 P.O. Box 1980, Hobbs, NM 08841-1980

DISTRICT H

State of New Mexico

Energy, Minerals and Natural Resources Department

Form C-102 Revised Pebruary 10, 1994 Submit to Appropriate District Office

OIL CONSERVATION DIVISION

SHEET, MINERAL COA LEGIST CONDUCTOR Debut Disease

24705

State Lease - 4 Copies Pec Lease - 3 Copies

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

P.O. Drawer DD, Artesia, NM 66211-0719

P.O. Box 2088 Santa Fe, New Mexico 87504-2088

OUSTRICT IV P.O. 201 2088, RANTA PE N.M. 87504-2086

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Pool Code	Pool Name
	Indian Basin Mor	1
Property Code	Property Name	Well Number
	INDIAN HILLS UNIT	30
OCRID No.	Operator Name	Klevation
14021	MARATHON OIL COMPANY	3783'

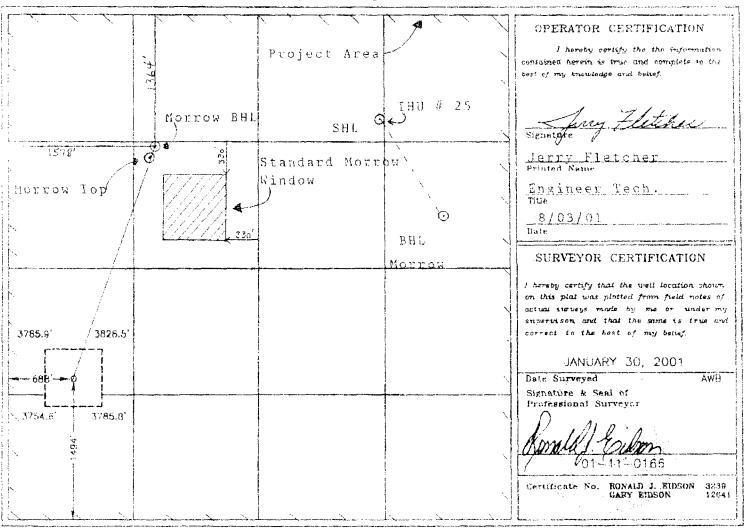
Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County	į
	20	21-5	24-E		1494	SOUTH	588	WEST	EDDY	

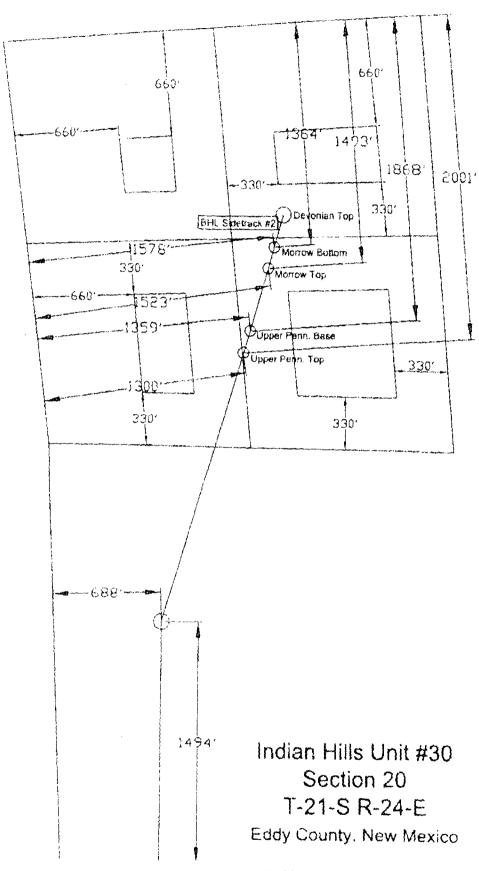
Bottom Hole Location If Different From Surface

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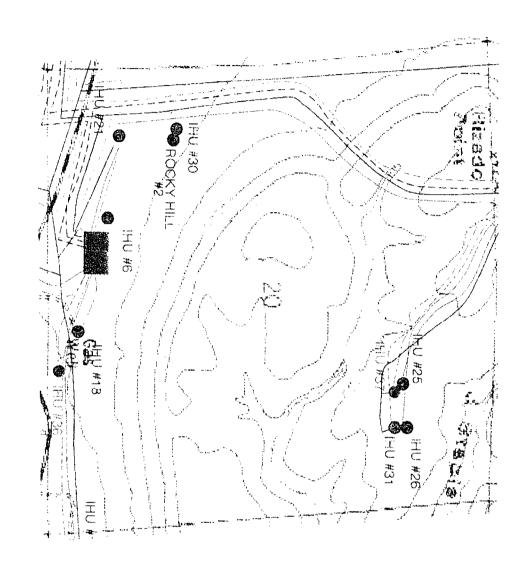
NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

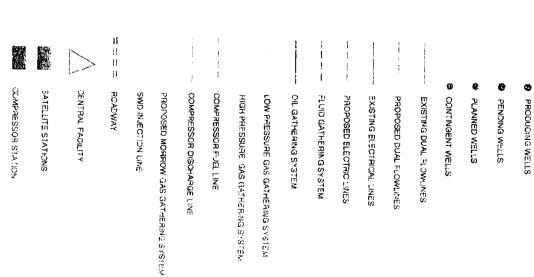


ATTACHMENT # 1

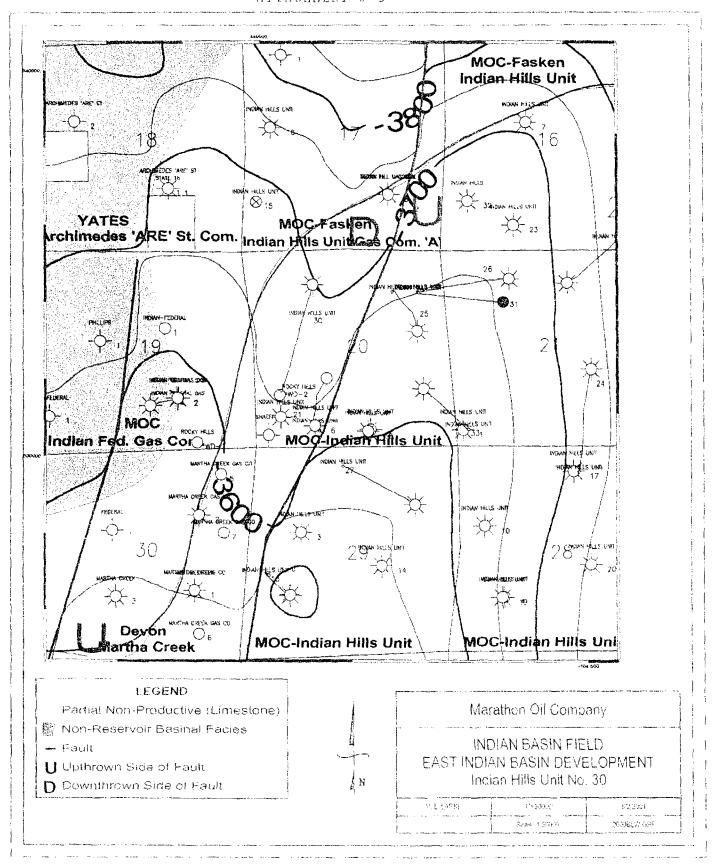


1 INCH = 600'





ATTACHMENT # 3



ATTACHMENT # 4

Marathon Oil Company

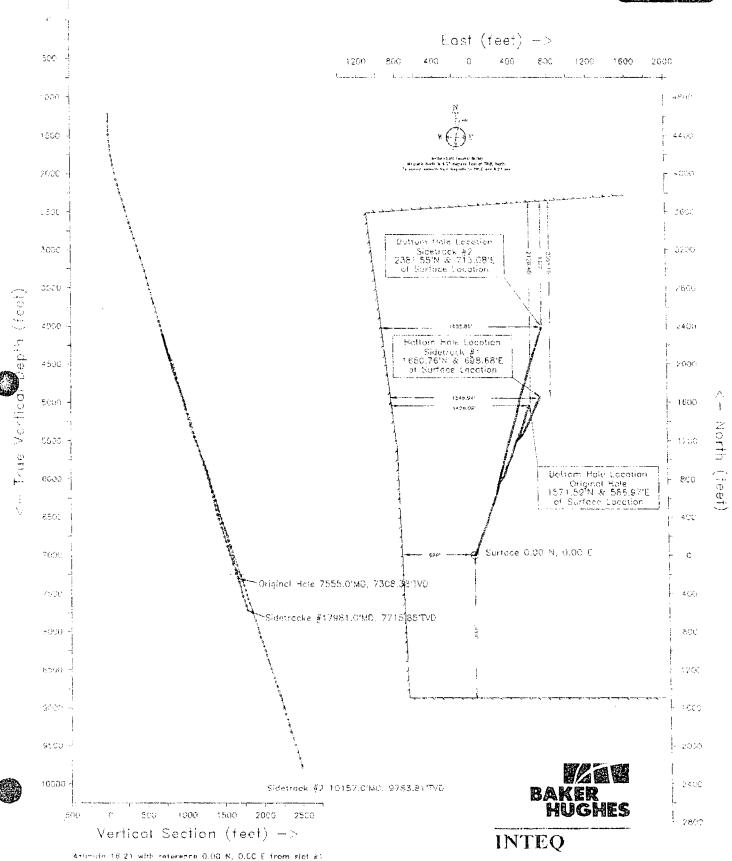
Structure : Indian Hills Unit No. 30

Slot: slot #1

Field : Indian Basin

Location : EDDY COUNTY, NM.





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POST OFFICE BOX 8286 SANTA PE, NEW MEXICO 87604-2265 TELEPHONE (505) 988-4288 TELEPAN (505) 982-2047

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THEM MENICO COURT OF LEGAL SPECIALIZATION BECONDER GERCONDER OF NATURAL RECOURCES-OIL AND GAS LAW

FACSIMILE COVER SHEET

DATE:

W. THOMAS KELLAHIN'

August 8, 2001

NUMBER OF PAGES: -3-

915 687 8287

TIME:

2:30 PM

TO:

Ginny Larke

OF:

Marathon Oil Company

FAX NO:

(915) 687 4 2305

REF:

NMOCD Administrative Application

Indian Hills Unit Well No. 30 unorthodox well location

MESSAGE:

Dear Ginny:

I would appreciate you delivering the attached to Steve Millican.

This information contained in this Facsiculte Message and Transmission is ATTORNEY PRIVILEGED AND CONFIDENTIAL information intended only for the use of the individual or entity named above. If the reader of this message is not the intended recipient, or the employee or agent responsible to deliver it to the inisheded recipient, you are hereby nordied that any discensions, discribution, or copying of this communication is strictly prohibited. If you have received this becamile in error, please immediately notify its by telephone and return the original message to us at the above address via the U.S. Postal Service. Thank you.

W. THOMAS KELLAHIN"

NEW MERICO BOARD OF LEGAL SEPCIALIZATION RECOGNIZED SPECIALIZI IN THE AREA OF NATURAL RESOURCESHILL AND GAS LAW

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ATTORNEYS AT LAW EL PATIO BUILDING

117 NORTH GUADALUPE

POST OFFICE BOX 2268

BANTA PE, NEW MEXICO 87504-2285

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August 8, 2001

TELEPHONE (BOB) BUZ-AZBB TELEFAX (505) 982-2047

HAND DELIVERED

Mr. Michael E. Stogner Oil Conservation Division 1220 South Saint Francis Drive Santa Fe. New Mexico 87505

RE: Indian Hills Unit Well No. 30 Indian Basin-Morrow Gas Pool Administrative Application of Marathon Oil Company for Approval of an Unorthodox Subsurface Location. Eddy County, New Mexico

Dear Mr. Stogner:

On behalf of Marathon Oil Company ("Marathon"), please find enclosed their administrative application for approval of an unorthodox oil well location for its Indian Hills Unit Well No. 30 which has been drilled from a surface location of 1494 feet FSL and 688 feet FWL to a bottom hole location in the Morrow formation of 1364 feet FNL and 1578 feet FWL Section 20, T21S, R24E and dedicated to a standard 640-acre gas proration and spacing unit consisting of all of Section 20 for production from the Indian Basin-Morrow Gas Pool.

The primary objective of the well had been as a Devonian SWD well. However, as Mr. Millican explains in his letter, Marathon changes its plan and ultimately elected to complete the well int he Morrow formation. The pool rules require standard well locations to be not closer than 660 feet to the outer boundary nor closer than 330 feet to any interior quarter-quarter section line. The well is too close to the north and east boundaries of the SW/4NW/4 of this section. Because this is an interior encroachment, it is my understanding that no notification is required to either the Morrow owners in the NW/4 of this section or offset operators/working interest owners in Sections 17, 18 or 19.

If you have any questions or if I have mistakenly interpreted the notification rules, please

call me.

W. Thomas Kellahin

fxc: Marathon Oil Company Attn: Steven F. Millican

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		NEW MEXICO OIL CONSERVATION DIVISION - Engineering Bureau - 1220 South St. Francis Drive, Santa Fe, NM 87505	A
		ADMINISTRATIVE APPLICATION CHECKLIST	
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	(C)	Injection - Disposal - Pressure Increase - Enhanced Oil Recovery WFX PMX SWD IPI EOR PPR	23 134 8 185 185 185 185 185 185 185 185 185 185
	[D]	Other: Specify	
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	[B]	Offset Operators, Leaseholders or Surface Owner	
	(C)	Application is One Which Requires Published Legal Notice	
	[D]	Notification and/or Concurrent Approval by BLM or SLO U.S. Burbau of Land Management - Commissioner of Public Lands. State Land Office	
	(E)	For all of the above, Proof of Notification or Publication is Attached	, and/or,
	[F]	Waivers are Attached	
₽)		CCURATE AND COMPLETE INFORMATION REQUIRED TO PROCEATION INDICATED ABOVE.	CESS THE TYPE
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Seate Fe N M ATERA 2766

Southern Business Unit Domestic Production



P.O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

October 2, 2001

W. Thomas Kellahin Kellahin & Kellahin El Patio Building 117 North Guadalupe Post Office Box 2265 Santa Fe, New Mexico 87504-2265

RI: Indian Hills Unit Well No. 6

Dear Tom:

As per our conversation this afternoon, I have been able to confirm that the Indian Hills Unit Well No. 6 was mistaken filed as a Morrow recompletion after a March 1999 workover. The well was actually completed in the Atoka formation. On June 1, 2001, Ginny Larke submitted pool correction notices to both the New Mexico Oil Conservation Division (NMOCD) in Artesia and the Bureau of Land Management (BLM) in Roswell.

In order to help clarify the well history, I have made a plot of the production from Indian Hills Unit Well No. 6. This plot is annotated with comments that explain what formation is producing at any given time. I was unable to locate a copy of a C-102 for the Atoka formation and therefore had Jerry Fletcher prepare a new copy. In addition, I have included the corrective filings made to the BLM for information purposes.

Below is a summary of the attachments included with this letter:

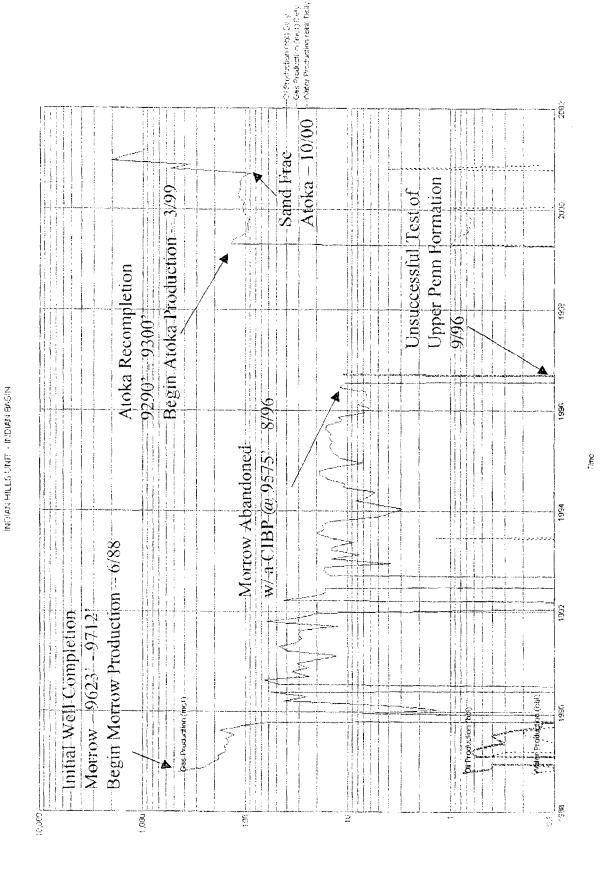
- 1.) Indian Hills Unit Well No. 6 Well/Production History
- 2.) Letter, dated June 1, 2001, from Ginny Larke to Tim Gum, NMOCD, Artesia
- 3.) Form C-104, submitted 6/1/01, correcting pool name to Atoka
- 4.) Form C-102, dated 10/02/01, showing well location & dedication of Atoka
- 5.) Form C-102, dated 10/16/87, original filling to drill the Indian Hills Unit #6
- 6.) Letter, dated June 1, 2001, from Ginny Larke to Gary Gourley, BLM, Roswell
- 7.) BLM Form 3160-4, submitted 6/1/01, correcting pool code to Atoka
- 8.) BLM Form 3160-5, submitted 6/1/01, correcting pool code to Atoka

Please contact me at (915) 687-8306 if there is any additional information that I may provide if turther clarification is required.

Respectfully,

Steven F. Millican Operations Engineer Marathon Oil Company

Indian Hills Unit Well No. 6 History



tyliaQ) patakt nolitsubusfi

p. 16

Southern U.S. Business Unit Domestic Production



P.O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

June 1, 2001

New Mexico Oil Conservation Division Attn: Mr. Tim Gum 811 South First Street Artesia, New Mexico 88210

Dear Mr. Gum,

Per our phone conversation of May 31, 2001, I am sending you the corrected completion forms for the Indian Hills Unit Well No. 6 Atoka completion. As we discussed, I was under the impression that the Atoka formation in this area was a part of the Morrow reservoir. Attached you will find a corrected completion form for this well along with a copy of the sundry notice that was originally sent in, and a corrected C-104.

Please let me know if I need to turn in any other forms to get everything corrected. I appreciate your help and understanding in this matter.

Sincerely,

Ginny Larke Ginny Larke

Engineer Technician

Attachments

xc: Gary Gourley

Bureau of Land Management

State of New Mexico Energy, Minerals & Natural Resources

Form C-104 Revised March 25, 1999

District J 1625 N. French Dr., Hobbs, NM 88240 District II OIL CONSERVATION DIVISION

Submit to Appropriate District Office

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Previous Operator Signature

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Date

Oct 11 01 02:30p

DISTRICT 1 F.O. Brs 1980, Bobbs. NW 66841-1980 State of New Mexico

Emergy, Minerals and Natural Resources Department

Form C-102 Revised February 10, 1994

Submit to Appropriate District Office State Lease - 4 Copies

Pec Lease - 3 Capies

DISTRICT II P.O. Drawer DD, Artesia, NN 88211-0719

OIL CONSERVATION DIVISION

P.O. Box 2088

Santa Fe, New Mexico 87504-2088

DISTRICT IV

DISTRICT III

P.O. BOX 2088, SANTA FE, N.M. 87504-2088

1000 Rio Brance Rd., Artec, NM 87410

WELL LOCATION AND ACREAGE DEDICATION PLAT

☐ AMENDED REPORT

API Number	Poul Cude	Poul Cude Poul Name		
30-015-25827	78920	Indian Basin Atoka (Gas)	
Property Code	Prop	Well Number		
6409	Indian Hills	s Unit	6	
OGRUP No.	Oper	Operator Name		
14021	MARATHON.	3753' G.L.		

Surface Location

UL or lot No.	Section	Township	Range	Lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
11	20	21-S	24-E		560	SOUTH	1550.	WEST	EDDY

Bottom Hole Location If Different From Surface

- [UL or lot No.	Section	Township	Range	lot ldn	Feet from the	North/South line	Feet from the	East/West line	County
1	K	20	21-5	24-E		1803	SOUTH	1857	WEST	EDDY
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NO ALLOWABLE WILL BE ASSIGNED TO THIS COMPLETION UNTIL ALL INTERESTS HAVE BEEN CONSOLIDATED OR A NON-STANDARD UNIT HAS BEEN APPROVED BY THE DIVISION

	OR A NON-STANDARD UNIT HAS BEEN APPROVED BY	THE DIVISION
		OPERATOR CERTIFICATION I hereby certify the the information contained herein is true and complete to the best of my knowledge and belief.
		Jerry Fletcher
		Printed Name Engineer Tech. Title 10/02/01
		SURVEYOR CERTIFICATION I hereby certify that the well location shown on this plat was plotted from field notes of
1857'	BHL	actual surveys made by me or under my supervison, and that the same is true and correct to the best of my knowledge and belief.
	Atoka Penetration Point 1649' FSL & 1752' FWL	Date Surveyed Signature & Scal of Professional Surveyor
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MEXICO CIL CONSERVATION COMM D 1

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MARATHON OIL COMPANY		INDIAN HILLS	TINU	6
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Southern U.S. Business Unit Domestic Production



P.O. Box 552 Midland, TX 79702-0552 Telephone 915/682-1626

June 1, 2001

Bureau of Land Management Attn: Mr. Gary Gourley 2909 West Second Street Roswell, New Mexico 88201

Dear Mr. Gourley,

It has come to my attention that I have filed completion forms for a well that had been recompleted in the Atoka formation as being in the Indian Basin Morrow Gas Pool. I was under the impression that the Atoka formation in the Indian Basin area was a part of the Morrow reservoir. I called Tim Gum, District Manager of the Oil Conservation Division in Artesia to confirm this, and He told me that the Atoka is not a part of the Morrow reservoir, and that I needed to send in corrected completion forms. Attached you will find the corrected completion form, 3160-4, for the Indian Hills Unit Well No. 6 Atoka completion along with the corrected sundry notice and a copy of the sundry notice that was originally sent in.

Please let me know if I need to turn in any other forms to get your records on this well corrected. Thank you for your help and understanding in this matter.

Sincerely,

Linny Larke
Ginny Larke

Engineer Technician

Attachments

915 687 8287

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3/14/99 Producing
DATE OF TEST HOURS TESTED CHOKE SIZE PROD'N. FOR OIL -BBL. GAS - MCF WATER - BBL. GAS - OIL RATIO
3/14/99 24 34/64 > 0 154 0 N/A FLOW TUBING PRESS. CASING PRESSURE CALCULATED OIL BBL. GAS NOT WATER BBL. 1 OB GRAVITY - API (CORR
140 0 24-HOUR RATE ACCEPTED FOR RECORD
34 DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) TEST WITNESSED BY
SILD
35 LIST OF ATTACHMENTS JUN 7 2001
36. Thereby certify that the freegoing and attached information is complete and correct as determined from all available records GARY GOURLEY SIGNED Lines Complete and correct as determined from all available records GARY GOURLEY SIGNED TOTAL BRIGINGER ROLEUM ENGINEER 5/1/01
"(See Instructions and Spaces for Additional Data on Reverse Side)

Title 18 U.S.C. Section 1001, makes 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 jurisdicton.

Oct 11 01 02:33p

FUNER CHOOSE

UNITED STATES

FORM APPRO	VΕ	D
OMB NO. 1004	-)(35
Expires: November	30	2000

Deust 1999)		DEPARTMENT OF THE INTERIOR BUREAU OF LAND MANAGEMENT				OMB NO. 1004-0135 Expires: November 20, 2000		
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposels to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.						OP wase Scrie! No. 0.2-064391-E 6. If Indian, Aliottee or Tribe Name		
SUBMIT IN TRIPLICATE - Other instructions on reverse side					7. If Unit or CA/Agreement, Name and/or No Indian Hills Unit 8. Well Name and No. Indian Hills Unit #6			
Type of Well Oil Well X Gas Well Other								
Name of Operation Co. Address	of 1 Company		3b. Phone No. (incha	ie area code)	9. API Well No 30-015-258).	· v 37 gweddigan	
Location of W ϵ	E2, bidlend, TX 75702 BiFor or Sec. T. E. M., or Survey 80 1 1 % & 35501 FML	<u> </u>	26	10. Field and P	Field and Pool or Exploratory Arca ian Basin Atoka (Gas)			
), T-21-F, R-24-R			had and the sign of the sign of the second	11. County or Eddy	Parish, State		
	CHECK APPROPRIATE	BOX(ES) TO IN	DICATE NATURE	OF NOTICE, REF	PORT, OR OTH	IER DATA		
e de la constitución de la const	© SUBMISSION		angan e san at a Tamaninan - e ta pangan pangan ang ang ang ang ang ang ang ang an	TYPE OF ACTION		of White water Schaught a secure Schaup and		
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	Final Abandonment Notice	Change Flans Convert to Inject	Plug and Aband	Tempote Water Di	rily Abandon isposal		BOX_	
If the proper Artach the following contesting has determined CORRECT!	roposed or Completed Operation (clear) osal is to deepen directionally of second Bond under which the work will be peromple to on of the no object operations, been completed. Final Abandonment that the final site is ready for final inspections in the completed of the second of the management of the completed of the second of the complete of the com	plete horizontally, give rformed or provide the fit the operation results Notices shall be filed oction) **GE ONLY.** NU BOP & Tori	subsurface locations and Bond No. on file with line a multiple completion only after all requirement us. Poot w/ 2-7	measured and true v BLM/BIA. Required i or recompletion in a ic, including reclaimst /8" tbg. RIH	ertical depths of al subsequent report new interval, a Fo- ion, have been co-	I period and salid to stand the oper molected, and the oper to on 5-1/2" but & scraper.	thereof. d cones. 30 days led once ator has	
POOH w/i w/bit &	-1/1. The request to retrieve magnet in occur. RIH w/ r DCs on 2-7/8" tbg. Tagge POUR L/D DCs. RIH w/per	magnet, tagged: ed 0 9190' & wa	@ 9157', washed shed to 9575' w/	to \$190' & PO no returns. I	OH recover Drilled f	9 93571. me. Ri 9 9428 9901 to 936	٠.	
•	for a total of 60 holes.	RIH w/prod. ti	bg & FLS packer.	. Couldn't ge	t below 910.	PUH to 905!	5'.	
	ker. ND BOP & NU tree. 1	RU EWAD GILL &	by & His packer. swabbed well. I prigrand prigrand My yay	Jour GLA	6-7-01 6-7-01	doctrail 272675) (V	
	iff that the foregoing is true and correct endryped; Ty Larke Linux	Lark	little	gineering Tech				
	0		Date 6/1/	/01			ong ta ganddan oo l	
	7ні	S SEACE FOR FE	DERAL OR STATE	OFFICE USE	anny partie ao	ere manthada armeninan Taka a amin'na e erena anta a a	personal state of the state of	
Approved by			Title		P	aie –		

Conditions of approval, if any, are attached. Approval of this more 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. Office

Title 18 U.S.C. Section 1001, and Titl. 13 U.S.C. Section 1212, trackes 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 interments or representations as to any matter within its jurisdiction.

P.22