

End Of Operations Report

General Information/Bottom Location

Type of Operation Abandonment	API Well No. 177190003800	Operator 02312	Operator Name and Address McMoRan Oil & Gas LLC	
Accept Date 02/23/2016	Well Name 002	ST No. 00	BP No. 00	

Bottom Location

Lease 00691	Area WD	Block 24	Latitude 29.17822567	Longitude -89.53388284
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Well Status Information

Well Status Temporarily Abandoned	Well Status Date 12/03/2015	KOP (MD) ST/BP (ft.)	Total Depth (surveyed) (ft.) MD 9300.0 TVD 9300.0	
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Operational Narrative

SUBSEA COMPLETION

Subsea Completion NO	Protection Provided NO	Buoy Installed NO	Tree Height Above Mudline(ft.)
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HYDROCARBON BEARING INTERVALS

Interval Name	Top MD (ft.)	Bottom MD (ft.)	Type of Hydrocarbon
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LIST OF SIGNIFICANT MARKERS PENETRATED

Interval Name	Reason Marker Not Penetrated	Top MD (ft.)
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ABANDONMENT HISTORY OF WELL

Type of Obstruction NA	Protection Provided NO	Buoy Installed NO	Obstruction Height Above Mudline(ft.)
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PERMANENT ABANDONMENT (Casing Cut)

Casing Size(in.)	Casing Cut Date	Casing Cut Method	Casing Cut Depth(ft.)	AML/BML
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Well Plug Installation Information

Well Plug Type Code/Desc	Top MD	Bottom MD	Installed Date	Test Date	Remarks
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Previously Reported Plug Installation Information

No records found.

Newly Reported Plug Installation Information

SCP Surface Cement Plug	215	527	01-DEC-15	03-DEC-15	Set in the 10-3/4" csg. Tested to 1000 psi.
ACP Annulus Cement Plug	343	543	29-NOV-15	01-DEC-15	Set a 7" cmt retainer @ 527'. Tested to 1000 psi
ICP Intermediate Cement Plug	7194	7950	26-NOV-15	27-NOV-15	Set in the 10-3/4" csg. Tested to 1000 psi.

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DCP Downhole Cement Plug	8338	8403	23-NOV-15	24-NOV-15	Set a TTS TTBP @ 8403'. Tested to 1000 psi.
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Attachments

File Type	File Description	Status
pdf	As-built Wellbore Schematic	Attached

Contacts Information

Name	Nancy Rodriguez		
Phone Number	281.539.7640	E-mail Address	nancy_rodriguez@fmi.com

COMPLETION LIST

Type	Number	Reservoir Name	Producing Sand(s)	Completion Status	
S	1	E-7		GAS SHUT IN	
Completion Date	Isolation Date	H2S Present	H2S Concentration (PPM)	Injection	
02/11/1988	11/24/2015	NO		NO	
Producing Zone Location					
Lease	Area	Block	Latitude	Longitude	Datum
00691	WD	24	29.17822579	-89.53388298	NAD27
Tubing Specifications and Remarks					
Size(In.)	Weight(lbs/ft)	Grade	Tubing Remarks		
Perforated Intervals					
Top MD (ft.)	Bottom MD (ft.)	Top TVD (ft.)	Bottom TVD (ft.)		
8546.0	8560.0				

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COMPLETION LIST

Type D	Number 01	Reservoir Name E-7	Producing Sand(s)	Completion Status OIL SHUT IN	
Completion Date 07/02/1979	Isolation Date 02/11/1988	H2S Present NO	H2S Concentration (PPM)	Injection NO	
Producing Zone Location					
Lease 00691	Area WD	Block 24	Latitude 29.17822854	Longitude -89.53388293	Datum NAD27
Tubing Specifications and Remarks					
Size(In.)	Weight(lbs/ft)	Grade	Tubing Remarks		
Perforated Intervals					
Top MD (ft.)	Bottom MD (ft.)	Top TVD (ft.)	Bottom TVD (ft.)		
8548.0	8562.0				

Type D	Number 01	Reservoir Name E-7	Producing Sand(s)	Completion Status OIL SHUT IN	
Completion Date 04/30/1960	Isolation Date 07/01/1979	H2S Present NO	H2S Concentration (PPM)	Injection NO	
Producing Zone Location					
Lease 00691	Area WD	Block 24	Latitude 29.17822579	Longitude -89.53388298	Datum NAD27
Tubing Specifications and Remarks					
Size(In.)	Weight(lbs/ft)	Grade	Tubing Remarks		
Perforated Intervals					
Top MD (ft.)	Bottom MD (ft.)	Top TVD (ft.)	Bottom TVD (ft.)		
8555.0	8562.0				

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COMPLETION LIST

Type	Number	Reservoir Name	Producing Sand(s)	Completion Status	
D	02	E1		OIL SHUT IN	
Completion Date	Isolation Date	H2S Present	H2S Concentration (PPM)	Injection	
04/30/1960	02/11/1988	NO		NO	
Producing Zone Location					
Lease	Area	Block	Latitude	Longitude	Datum
00691	WD	24	29.17822579	-89.53388298	NAD27
Tubing Specifications and Remarks					
Size(In.)	Weight(lbs/ft)	Grade	Tubing Remarks		
Perforated Intervals					
Top MD (ft.)	Bottom MD (ft.)	Top TVD (ft.)	Bottom TVD (ft.)		
8080.0	8086.0				

Acceptance Comments

PAPERWORK REDUCTION ACT OF 1995 (PRA) STATEMENT: The PRA (44 U.S.C. 3501 et seq. Requires us to inform you that we collect this information to obtain knowledge of equipment and procedures to be used in drilling operations. MMS uses the information to evaluate and approve or disapprove the adequacy of the equipment and/or procedures to safely perform the proposed drilling operation. Responses are mandatory (43 U.S.C. 1334). Proprietary data are covered under 30 CFR 250.196. An agency may not conduct or sponsor, and a person is not required to respond to, a collection of information unless it displays a currently valid OMB Control Number. Public reporting burden for this form is estimated to average 2.5 hours per response, including the time for reviewing instructions, gathering and maintaining data, and completing and reviewing the form. Direct comments regarding the burden estimate or any other aspect of this form for the Information Collection Clearance Officer, Mail Stop 4230, Minerals Management Service, 1849

RKB-THF: 38.8
 RKB - MSL: 54'
 ORIG. RKB - ML: 74'
 WATER DEPTH: 20'
 TREE CONNECTION: 2-7/8" 8RD
 COMPLETION FLUID: 8.6 PPG INHIBITED SW

SURF LOC: 4,179' FSL; 4,042' FWL OF WD 24
 BHL: 4,179' FSL; 4,042' FWL OF WD 24

MUDLINE @ 74'

30", 196 PPF, DRIVE PIPE @ 270'

10-3/4", 40.5 PPF, J-55 ST&C CASING @ 3,034'
 COLLAPSE: 1,580 PSI, BURST: 3,130 PSI
 CMT W/2200 SX, TOC @ SURFACE
 MW @ CASING POINT: 10.0 PPG WBM

TUBING:
 2-7/8", 6.5 PPF, N-80, 8RD ABM @ 3,234'
 COLLAPSE: 11,160 PSI, BURST: 10,570 PSI

SPOTTED 305' OR 63 SACKS OF 16.4 PPG CLASS H CEMENT TOC @ 215' MD (149' BML) TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART
 SPOTTED 200' OF CEMENT IN 10-3/4" CASING FROM 543' MD (469' BML) TO 343' MD (269' BML) CONSISTING OF 60 SACKS OF 16.4 PPG CLASS H CEMENT, TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART
 7" CEMENT RETAINER @ 527' MD (453' BML) W/ CASING GUNS @ 543' MD (469' BML) PERFORATED 7" CASING @ 543' MD (469' BML)
 JET CUT & PULLED TUBING @ 574' MD (500' BML)

GLM's :
 1. 1,785'
 2. 2,701'
 3. 3,136'
 4. 3,604'
 5. 4,040'
 6. 4,508'
 7. 4,946'
 8. 5,416'
 9. 5,852'
 10. 6,288'

Otis "X" LN @ 2,510' MD (2,313" ID)

Otis "X" LN @ 7,990' MD (2,313" ID)

Isolated E-1 SAND PERFORATIONS
 8,080' - 8,086' MD (Sqz'd)

E-7 SAND PERFORATIONS
 8,548' - 8,562' MD

SPOT A 500' BALANCED CEMENT PLUG CONSISTING OF 96 SACKS OF 16.4 PPG CLASS H CEMENT TOC @ 7,194'. TESTED CEMENT GOOD TO 1,000 PSI ON TUBING & PRODUCTION CASING TO 1,000 PSI FOR 30 MINUTES ON CHART
 JET CUT TUBING @ 7,950'

Baker Mod "FH" PKR @ 8,026' MD

1.906" TTS TTBP + DUMPED 56' OF CEMENT TOC @ 8,338', TESTED CEMENT GOOD TO 1,000 PSI FOR 30 MINUTES ON CHART

Baker "F-1" LN @ 8,403' MD (2.25" ID)
 Baker Mod "SC-1" PKR @ 8,405' MD

Gravel Pack Assy:
 48' 2-7/8" 0.8 ga. Screen
 100' 2-7/8" blank pipe
 40/60 mesh sand

Baker Mod "D" PKR @ 8,570' MD

PBTD @ 9,252' MD

7", 26PPF, N-80 LTC CASING @ 9,300'
 COLLAPSE: 5,410 PSI, BURST: 7,240 PSI
 CMT W/950 SX, CTOC @ 5,616' (20% WO) TD: 9,300' MD
 MW @ CASING POINT: 11.0 PPG WBM

Designed by ALN	Checked by ALN	Filename WD 24 #2 CURRENT T&A	Revision Date 12/10/2015	Printed On 12/10/2015	Scale
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MCMORAN OIL & GAS L.L.C.

WEST DELTA 24 #2
 OCS-G 00691
 API 17 719 00038 00
CURRENT T&A WELL DIAGRAM