

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

N.M. Oil Cons. Division
311 S. 1st Street
Artesia, NM 88210-2834

FORM APPROVED
Bureau No. 1004-0135
Expires July 31, 1996

45F

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other instructions on reverse side

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

2. Name of Operator
KERR-MCGEE OIL & GAS ONSHORE LLC

3a. Address
P.O. Box 809004, Dallas, TX 75380-9004

3b. Phone No. (include area code)
972 715-4520

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
UT. 8 1650 F&L & 1650 FWL
SEC. 21-T21S-R23E

5. Lease Serial No.

158 NM-04686

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.
CA NM 71134

8. Well Name and No.
BRIGHT FEDERAL 2
GAS COMP

9. API Well No.
30-015-28556

10. Field and Pool, or Exploratory Area
INDIAN BASIN UPPER PENN

11. County or Parish, State
EDDY NM

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input checked="" type="checkbox"/> Notice of Intent	<input checked="" type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input checked="" type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Coompleted Operation (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomple horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recomple in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the final site is ready for final inspection.)

CURRENT WELL STATUS IS TA. OBJECTIVE IS DRILL OUT CIBP AND ACIDIZE AT HIGH RATE. PLACE WELL ON HIGH VOLUME LIFT AND EVALUATE FOR PRODUCTION.

PROPOSED PROCEDURE: MIRU WO RIG. ND TREE, NU & TEST BOP. PRESSURE TEST CSG TO 3500 PSI. PU & TIH W/ RB, 6 DC'S, 2 7/8" WS TO CIBP @ 7100'. CIRC HLOE W/ 7% KCL, DRILL CIBP, CIRC WELL CLEAN, TOH. RU BJ SERVICES & ACIDIZE UPPER PENN PERFS 7140' - 7478'DOWN 7" CSG @ 60-80 BPM. RD BJ SERVICES.

RIH W/ ESP SHROUDED SUB PUMP ON 2 7/8" 6.5# L-80 IPC PRODUCTION STRING. SET PUMP @ APPROX. 7530'. RDMO AND PLACE WELL ON PRODUCTION.

ATTACHMENTS:

14. I hereby certify that the foregoing is true and correct
Name (Printed/Typed)

STEPHEN FORE

Title

TECHNICAL ANALYST

Date

03/03/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

(ORIG. SGD.) DAVID F. GLASS

Title

PETROLEUM ENGINEER

Date

MAR 09 2000

Conditions of approval, if any, are attached. Approval of this notice 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.

RECEIVED
2000 MAR - 11 A 10:22
BUREAU OF LAND MGMT
LAND SBAD RESOURCE AREA

Bright Federal #2 Procedure

Feb 7, 2000

MECHANICAL DETAILS

PERMANENT ZERO POINT: KB - 13.0' ABOVE GROUND LEVEL @ 3922'
 TOTAL DEPTH: 7700'
 CURRENT PBTD: 7100' (CIBP)

CASING DETAILS

SURFACE
 PRODUCTION CSG

SIZE	WEIGHT	GRADE	SEAT	TOC SURF	BURST	COLLAPSE
9 5/8"	36#	K55	1315'		3520	2020
7"	23.0#	K55	?		4360	3270
	26.0#	K55	7700'	4000'	4980	4320

TUBING: NONE

PACKER: NONE

CURRENT COMPLETION: WELL TA'ED

OBJECTIVE:

CLEAN OUT WELLBORE BY DRILLING OUT CIBP. ACIDIZE AT
 HIGH RATE. PUT ON TEST SUB AND EVALUATE FOR
 PRODUCTION.

Safety and the environment are top priority!

PROCEDURE:

1. MIRU WO RIG. ND TREE, NU BOP'S. TEST BOP'S TO 300 PSI LOW AND 3500 PSI HIGH. PRESSURE UP CASING AGAINST CIBP TO 3500 PSI.
2. PU & TH W/ RB, 6 DC'S AND 2 7/8" 6.5# L80 PLASTIC COATED EUE TBG TO CIBP @ 7100 FT. CIRC HOLE W/ 7% KCL. DRILL OUT CIBP. CIRC WELL CLEAN. TOH.
3. RU BJ SERVICES. ACIDIZE THE UPPER PENN PERFS 7140-7478' DOWN 7" CASING @ 60-80 BPM. ACID TO BE PUMPED AS FOLLOWS PER ATTACHED BJ PROPOSAL:
 - A. 12000 GALS SLICK WATER
 - B. 10000 GALS 80 QUALITY N2 FOAM, W/ 100 BIOSEALERS
 - C. 40000 GALS 15% HCL NEFE
 - D. 10000 GALS 80 QUALITY N2 FOAM, W/ 125 BIOSEALERS
 - E. 40000 GALS 15% HCL NEFE
 - F. 10000 GALS 80 QUALITY N2 FOAM, W/ 125 BIOSEALERS
 - G. 40000 GALS 15% HCL NEFE
 - H. 12053 GALS NITRIFIED SLICK WATER

West Indian Basin Unit #2S/T
PWO – Add Perfs and Stimulate Upper Penn

02/07/00

EST PUMP TIME 1 HR 19 MINUTES
MAX RATE 3160 PSI

4. RD BJ SERVICES. RIH W/ ESP SHROUDED TEST SUB(TD 600-800) PER ATTACHED ESP RECOMMENDATION ON 2-7/8", 6.5#, L-80 IPC PRODUCTION STRING. SET PUMP DEPTH AT APPROX. 7530 FT.

Current Completion

Bright Federal #2

Mark Peavy 1/31/2000

KB : 13" AGL
GL: 3922.0'

1650' FSL & 1650' FWL
Sec 21-T21S-R23E
Eddy Co, New Mexico

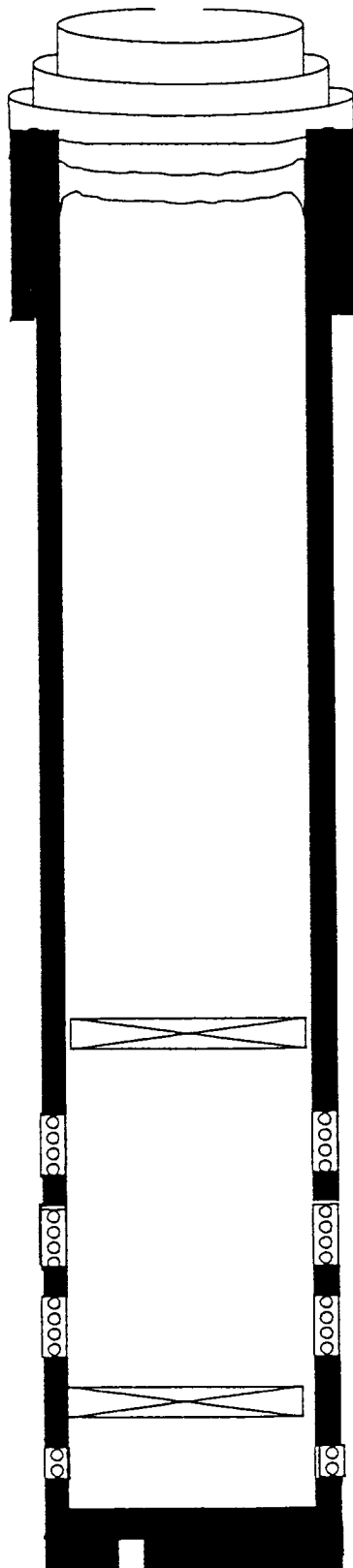
9-5/8", 36 #/ft, K-55 csg @ 1315'
TOC @ surface, circ w/1230 sxs
w/ 195 sxs to surface

TOC @ 4000 ft, est.

7", 23/26 #/ft, K-55 @ 7700'
cmtd w/550 sxs.

PBTD = 7657

TD= 7700'



CIBP @ +/- 7100 ft.

U. Penn Perfs
7140-44, 7170-76, 7226-30, 7252-70
(4" csg gun, 4 spf)
7286-96, 7304-18, 7328-34, 7344-54,
7365-80, 7390-7402, 7414-38,
7460-78, (4" csg guns 4 spf)

CIBP @ 7564'

Canyon perfs 7604-14'

KB : 13" AGL
GL: 3922.0'

Mark Peavy 2/3/2000

1650' FSL & 1650' FWL
Sec 21-T21S-R23E
Eddy Co, New Mexico

9-5/8", 36 #/ft, K-55 csg @ 1315'
TOC @ surface, circ w/1230 sxs
w/ 195 sxs to surface

2-7/8", L-80, plastic coated 7500'

TOC @ 4000 ft, est.

7", 23/26 #/ft, K-55 @ 7700'
cmt'd w/550 sx's.

PBTD = 7657

TD= 7700'

U. Penn Perfs
7140-44, 7170-76, 7226-30, 7252-70
(4" csg gun, 4 spf)
7286-96, 7304-18, 7328-34, 7344-54,
7365-80, 7390-7402, 7414-38,
7460-78(4" csg gun, 4 spf)

ESP shrouded test sub @ 7530'

CIBP @ 7564'

Canyon perfs 7604-14'

RECEIVED

2000 MAR -7 1 A 10 23

BUREAU OF LAND MGMT.
WILSON RESOURCE AREA