

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM
94 FEB 11 AM 11:37
070 FARMINGTON, NM

Sundry Notices and Reports on Wells

<p>1. Type of Well Gas</p> <hr/> <p>2. Name of Operator Meridian Oil Inc. <u>SRC</u></p> <hr/> <p>3. Address & Phone NO. of Operator P.O. Box 4289, Farmington, NM 87499 (505) 326 - 9700</p> <hr/> <p>4. Location of Well, Footage, Sec., T, R, M SEC. 18, T29N, R11W, NMPM 1540' FSL, 1655' FEL</p>	<p>5. Lease Number NMSF 077056</p> <p>6. If Indian, All. or Tribe Name</p> <p>7. Unit Agreement Name</p> <p>8. Well Name & Number Cozzens #6E</p> <p>9. API Well No.</p> <p>10. Field and pool Basin Dakota</p> <p>11. County and State San Juan, NM</p>
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12 CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission	Type of Action	
<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Re-completion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non - Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input checked="" type="checkbox"/> Other	

13 Describe Proposed or Completed Operations

The Cozzens #6E will be returned to production within 60 days from todays date. This well will have to be reconnected to the pipeline (GCNM).

14 I hereby certify that the foregoing is true and correct.

Signed *[Signature]* Title Operations Engineer Date February 11, 1994

(This space for Federal or State Office use)

Approved By _____ Title _____ **THIS APPROVAL EXPIRES** MAY 14 1994
Date _____

CONDITION OF APPROVAL, IF ANY:

APPROVED
FEB 14 1994
DISTRICT MANAGER

submitted in lieu of Form 3160-5

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

RECEIVED
BLM

Sundry Notices and Reports on ~~Well~~ **64 JUL 29 AM 10:44**

070 FARMINGTON, NM

1. Type of Well
GAS

2. Name of Operator
SOUTHLAND ROYALTY COMPANY

3. Address & Phone No. of Operator
PO Box 4289, Farmington, NM 87499 (505) 326-9700

4. Location of Well, Footage, Sec., T, R, M
1540'FSL, 1655'FEL, Sec.18, T-29-N, R-11-W, NMPM

5. Lease Number
SF-077056

6. If Indian, All. or
Tribe Name

7. Unit Agreement Name

8. Well Name & Number
Cozzens #6E

9. API Well No.
30-045-24127

10. Field and Pool
Basin Dakota

11. County and State
San Juan Co, NM

12. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OTHER DATA

Type of Submission

Type of Action

<input checked="" type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment	<input type="checkbox"/> Change of Plans
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion	<input type="checkbox"/> New Construction
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Plugging Back	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Casing Repair	<input checked="" type="checkbox"/> Water Shut off
	<input type="checkbox"/> Altering Casing	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Other -	

13. Describe Proposed or Completed Operations

It is intended to workover this well as per the attached procedure. This workover is designed to isolate and shut off high water production from the lower Dakota formation.

RECEIVED
AUG 10 1994
OIL CON. DIV.
DIST. 3

14. I hereby certify that the foregoing is true and correct.

Signed *[Signature]* (LWD6) Title Regulatory Affairs Date 7/26/94

(This space for Federal or State Office use)

APPROVED BY _____ Title _____ Date _____

CONDITION OF APPROVAL, if any:

APPROVED
AUG 01 1994
[Signature]
NATIONAL MANAGED

NMOCD

WORKOVER PROCEDURE

COZZENS # 6E
Dakota - DP # 9851
SE/4 Sec. 18, T29N, R11W
San Juan Co., New Mexico

1. Test location rig anchors and repair if necessary. MOL and RU daylight workover rig. Set blow-back tank and NU relief line to blow-back tank.
2. Comply to all NMOCD, BLM, and MOI regulations. Conduct safety meeting for all personnel on location.
3. Blow well down to blow-back tank. Load well with 2% KCl water. ND wellhead and NU BOP's.
4. PU on 2 3/8" production tubing, unseat tubing hanger, and POOH. Visually inspect production tubing on trip out, and replace all bad joints of pipe.
5. PU a 4 3/4" bit, 2 3/8" workstring, and TIH. Drill CIBP at 6345' and clean out to PBTD of 6460'. POOH and LD bit.
6. PU a 5 1/2" packer and TIH. Set the packer at 6180' and pressure test the 5 1/2" casing to 1000 psi. POOH and LD packer.
7. PU 5 1/2" cement retainer and TIH. Set retainer at 6410'. Establish rate and squeeze below retainer with 50 sx class G cement w/ 0.2% Super CBL (Howco). Maximum pressure 1000 psi. Sting out of retainer and POOH. WOC overnite.
8. PU 4 3/4" bit and TIH. Clean out to cement retainer at 6410'. **Do not drill out retainer.** Blow well clean with gas and gauge well. POOH and LD bit. If gauge is acceptable proceed to step # 11, if not proceed to step # 9.
9. PU 5 1/2" cement retainer and TIH. Set retainer at 6340'. Establish rate and squeeze below retainer with 50 sx class B cement w/ 0.2% Super CBL (Howco). Maximum pressure 1000 psi. Sting out of retainer and POOH. WOC overnite.
10. PU 4 3/4" bit and TIH. Clean out to cement retainer at 6340'. **Do not drill out retainer.** Blow well clean with gas and gauge well. POOH and LD bit and workstring.
11. PU 2 3/8" production tubing, and TIH with an expendable check on bottom, and a new 'F' nipple (1.81" bore) one joint off bottom. Land tubing at \approx 6380', unless 2nd retainer was set, then land tubing at \approx 6320'.
12. ND BOP's and NU wellhead. Drop ball and pump off expendable check. Obtain final gauge. Release rig.

Recommended: _____

Operations Engineer

Approval: _____

Drilling Superintendent

PERTINENT DATA SHEET

5/16/94

WELLNAME: Cozzens #6E				DP NUMBER: 9851			
WELL TYPE: Basin Dakota				ELEVATION: GL: 5613' KB: 5625'			
LOCATION: 1540' FSL 1655' FEL Sec. 18, T29N, R11W San Juan County, New Mexico				INITIAL POTENTIAL: AOF 706 Mcf SICP:			
OWNERSHIP: GWI: 87.4306% NRI: 71.0546%				DRILLING: SPUD DATE: 02-07-81 COMPLETED: 08-08-81 TOTAL DEPTH: 6478' PBTD: 6461'			
CASING RECORD:							
<u>HOLE SIZE</u>	<u>SIZE</u>	<u>WEIGHT</u>	<u>GRADE</u>	<u>DEPTH</u>	<u>EQUIP.</u>	<u>CEMENT</u>	<u>TOC</u>
12 1/4"	8 5/8"	24#	K55	245'	-	140 sx	surface
7 7/8"	5 1/2"	15.5#	K55	6478'	DV Tool @ 4482'	stg1 210 sx	est. 5483'
					DV Tool @ 1919'	stg2 255 sx	est. 3278'
						stg3 190 sx	TS 200
					CIBP set @ 6345		
Tubing	2 3/8"	4.7#	J55	6318'			
1 jt. tubing, seating nipple @ 6408', 103 jts. tubing set @ 6409' (total of 104 jts.)							
FORMATION TOPS:							
	Ojo Alamo	444'		Mancos			
	Kirtland	545'		Gallup	5367'		
	Fruitland	1489'		Greenhorn	6104'		
	Pictured Cliffs	1738'		Graneros	6165'		
	Chacra	2762'		Dakota	6283'		
	Cliff House	3325'					
	Point Lookout	4042'					
LOGGING: IES & GR -- Density Logs							
PERFORATIONS 6215' – 6450' (total of 16 holes)							
STIMULATION: 145,438 gal. 30# gel 1% KCL water & 105,600# 20/40 sand							
WORKOVER HISTORY:							
4-81	Squeezed casing failure 2 times @ 6436' with total of 100 sx cement, tested casing -- OK. Pumped 94 sx cement down bradenhead.						
7-81	Fish stuck tubing, clean out to 6437'. Landed tubing @ 6409'.						
11-81	Fish stuck swabbing tools, TIH and tag 32' fill. Landed tubing @ 6378'.						
1-83	Cleaned out 59' sand to PBTD (6461'), set bridge plug @ 6345', flow test perforation interval in increments to determine depth of water production. Landed tubing @ 6318'.						
PRODUCTION HISTORY:							
	<u>Gas</u>	<u>Oil</u>	DATE OF LAST PRODUCTION:		<u>Gas</u>	<u>Oil</u>	
Cumulative as of Feb 94:	142 MMcf	2.2 Mbbl	May, 1990		25 Mcf		
Current:	0 Mcf	0 Bopd	September, 1991			21 Bbl	
PIPELINE: SUG							

Cozzens #6E

CURRENT

Dakota
DPNO 9851

1540' FSL, 1655' FWL,
Section 18, T-29-N, R-11-W, San Juan County, NM

Spud: 2-7-81

Completed : 8-8-81

Ojo Alamo @ 548'

Fruitland @ 1489'

Pictured Cliffs @ 1738'

Chacra @ 2762'

Cliff House @ 3325'

Point Lookout @ 4042'

Gallup @ 5367'

Greenhorn @ 6104'

Graneros @ 6165'

Dakota @ 6283'

8-5/8" 24# K55, Csg set @ 245'
Circulated 140 sx cmt to surface

DV Tool @ 1919'

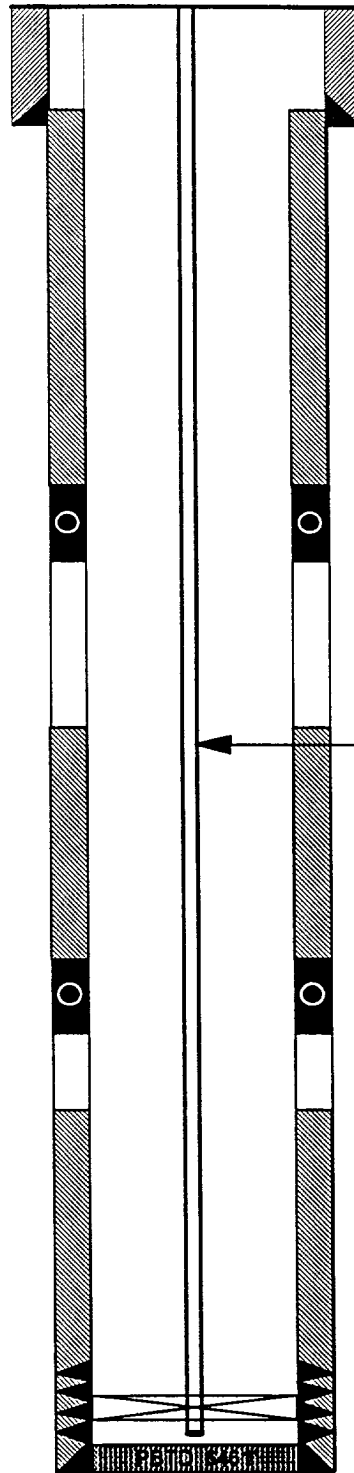
2-3/8", 4.7#, J55, set @ 6318'

DV Tool @ 4482'

Perfs @ 6215' - 6450'

CIBP @ 6345'

6478'
5 1/2", 15.5#, J55 Csg set @ 6409',
circ. 655 (3 stgs) sx cmt, TOC 200' (TS)



TD 6478'