

FILE NOTATIONS

Entered in NID File ✓

Entered On S-R Sheet _____

Location Map Pinned ✓

Card Indexed ✓

IWR for State or Fee Land _____

Checked by Chief PWB

Copy NID to Field Office _____

Approval Letter 7-15-66

Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 10/9/66

Location Inspected _____

OW _____ WW _____ TA _____

Bond released _____

GW _____ OS _____ PA _____

State of Fee Land _____

LOGS FILED

Driller's Log 10/31/66

Electric Logs (No.) 2

E _____ I _____ E-I ✓ GR _____ GR-N ✓ Micro _____

Lat _____ MI-L _____ Sonic _____ Others _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER
 SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
 P. O. DRAWER 'G', CORTEZ, COLORADO #81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
 447' FNL & 428' FWL Sec. 10, T41S, R25E
 At proposed prod. zone San Juan County, Utah
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 Same

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
 4852

16. NO. OF ACRES IN ~~LEASE~~ UNIT
 20,017

17. NO. OF ACRES ASSIGNED TO THIS WELL
 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.
 2050'

19. PROPOSED DEPTH
 5750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4712' Ungraded Ground

22. APPROX. DATE WORK WILL START*
 Sept. 20, 1966

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8" ✓	24#	1500 ✓	Circulated to surface ✓
7-7/8"	5-1/2" ✓	14#	5750 ✓	250 ✓

Propose to drill 12-1/4" hole to 1500' and set 8-5/8" surface pipe into Chinle formation. Cement will be circulated to surface. ✓

Will drill 7-7/8" hole to 5750' or through Desert Creek Formation and set 5 1/2" casing to TD with 250 sacks. ✓

Well location was moved North and West of true location to avoid difficult topography.

*C.R.
F.V.*

OK - Steep escarpment to East - P.M.B.

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

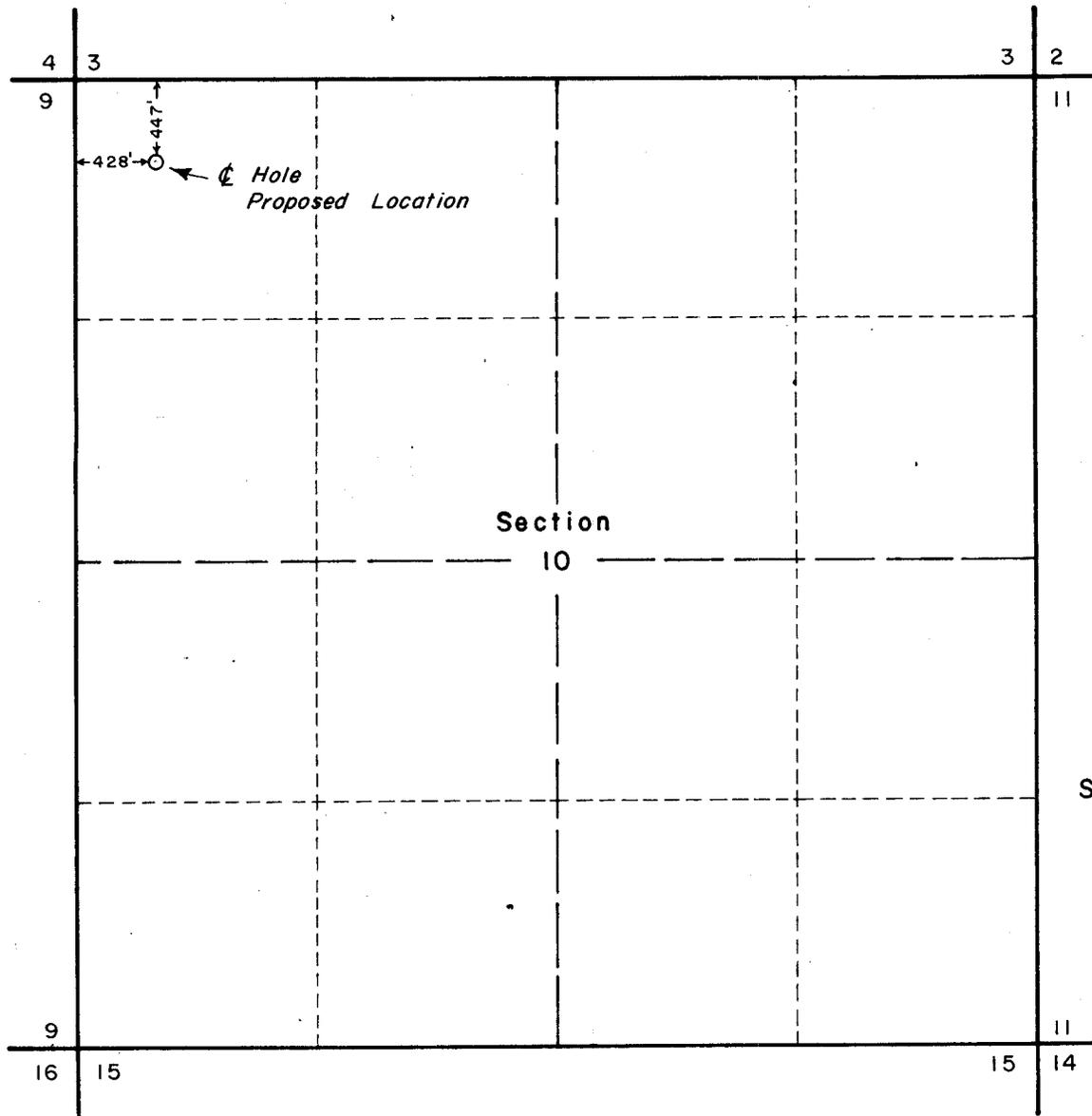
24. SIGNED D. D. Kingman TITLE Engineer DATE 7/13/66

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:



WELL LOCATION: The Superior Oil Company - Navajo "V" 17

Located 447 feet South of the North line and 428 feet East of the West line of Section 10,
 Township 41 South, Range 25 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4712 feet based on adjoining well locations.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah # 2689



THE SUPERIOR OIL CO.	
WELL LOCATION PLAT Sec. 10, T.41 S., R.25 E. San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: July 7, 1966 FILE NO: 66058

CMB

THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO, 81321

July 13, 1966

State of Utah
Oil & Gas Conservation Commission
348 E. South Temple Suite 301
Salt Lake City, Utah

RE: McElmo Creek Unit Well #V-17
447' FNL and 428' FWL, Sec. 10, T41S, R25E
San Juan County, Utah

Gentlemen:

The USGS has said they will approve this location subject to State approval. Therefore, would you please send us an approval for this proposed well location.

Very truly yours,

D. D. Kingman

D. D. Kingman

DDK/njh
Attach.

File

*Cause
17
Feb 24, 1960*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
 P. O. DRAWER 'G', CORTEZ, COLORADO #81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
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 At proposed prod. zone San Juan County, Utah
 Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NAVAJO

7. UNIT AGREEMENT NAME
 McELMO CREEK UNIT

8. FARM OR LEASE NAME

9. WELL NO.
 #V-17

10. FIELD AND POOL, OR WILDCAT
 McELMO CREEK

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 SEC. 10, T41S, R25E

12. COUNTY OR PARISH 13. STATE
 SAN JUAN UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 4852

16. NO. OF ACRES IN ~~LEASE~~ Unit 20.017

17. NO. OF ACRES ASSIGNED TO THIS WELL 80

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 2050'

19. PROPOSED DEPTH 5750'

20. ROTARY OR CABLE TOOLS
 Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4712' Ungraded Ground

22. APPROX. DATE WORK WILL START*
 Sept. 20, 1966

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IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED D. D. Kingman TITLE Engineer DATE 7/13/66

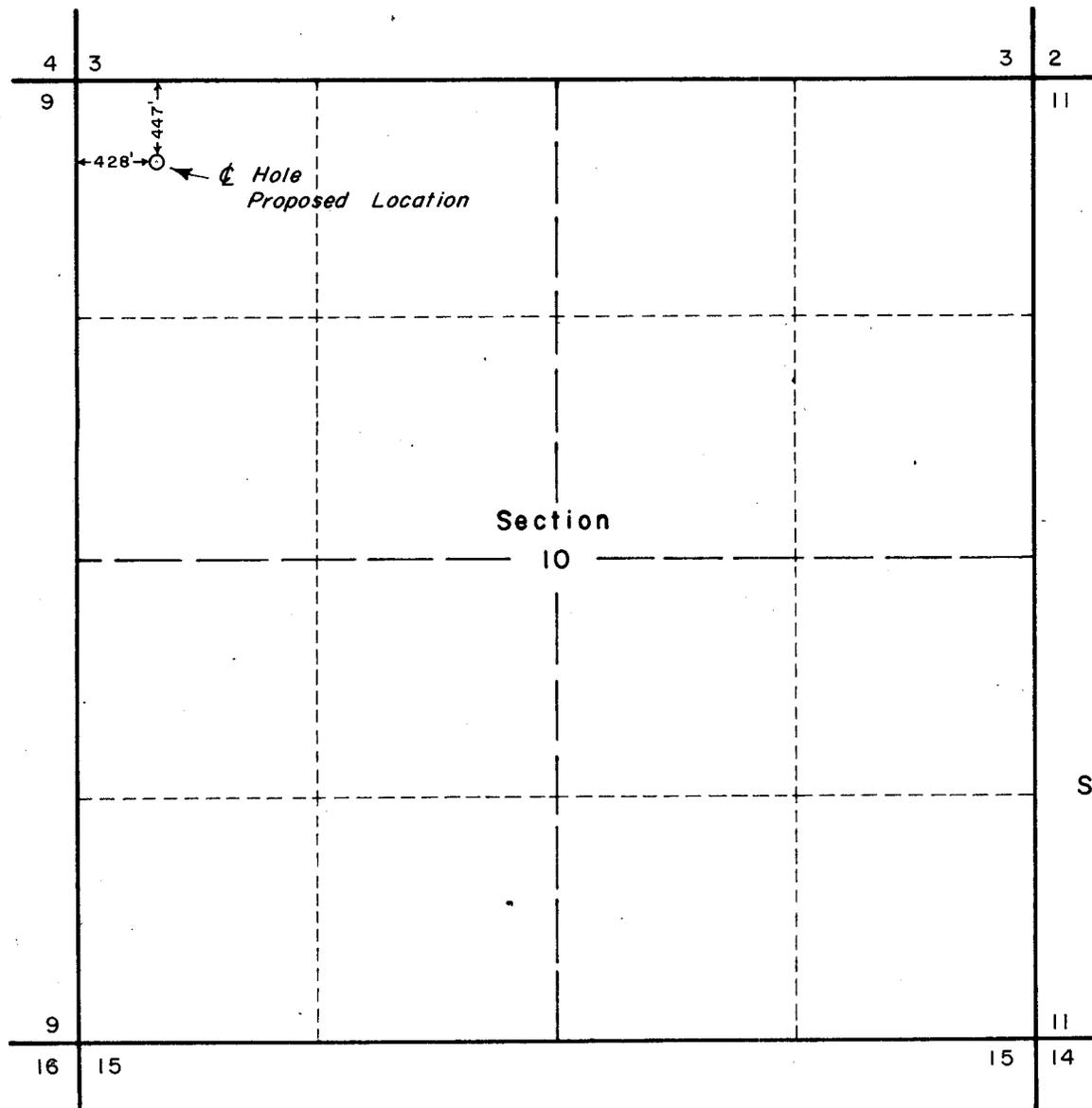
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

OK



WELL LOCATION: The Superior Oil Company - Navajo "V" 17

Located 447 feet South of the North line and 428 feet East of the West line of Section 10,
 Township 41 South, Range 25 East, Salt Lake Base & Meridian.
 San Juan Co., Utah
 Existing ground elevation determined at 4712 feet based on adjoining well locations.

I hereby certify the above plat represents a survey made under my supervision and that it is accurate to the best of my knowledge and belief.

Frederick H. Reed

FREDERICK H. REED
 Registered Land Surveyor
 State of Utah # 2689



THE SUPERIOR OIL CO.	
WELL LOCATION PLAT Sec. 10, T. 41 S., R. 25 E. San Juan Co., Utah	
CLARK-REED & ASSOC. Durango, Colorado	DATE: July 7, 1966 FILE NO: 66058

STAG

STAG

STAG

STAG

STAG

STAG

STAG

July 15, 1966

The Superior Oil Company
P. O. Drawer 'G'
Cortez Colorado 81321

Re: Well No. McElmo Creek Unit #V-17,
Sec. 10, T. 41 S., R. 25 E.,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted in accordance with the Order issued in Cause No. 17, on February 24, 1960.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

PAUL W. BURCHELL, Chief Petroleum Engineer
HOME: 277-2890 - Salt Lake City, Utah
OFFICE: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if the well has not been spudded-in within said period. Enclosed please find Form OCCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Your cooperation with respect to completing this form will be greatly appreciated.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF/ah

cc: P. T. McGrath, District Engineer
U. S. Geological Survey
Farmington, New Mexico

Handwritten initials

STATE OF UTAH
 OIL & GAS CONSERVATION COMMISSION
 310 NEWHOUSE BUILDING
 SALT LAKE CITY 11, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number: McELMO CREEK UNIT #V-17
 Operator THE SUPERIOR OIL COMPANY Address P. O. DRAWER 'G' CORTEZ, COLO. Phone 565-3733
 Contractor ARAPAHOE Address DENVER, COLO. Phone _____
 Location: NW 1/4 NW 1/4 Sec. 10 T. 41 N R. 25 E San Juan County, Utah.
 S W

Water Sands:

	<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
	<u>From</u>	<u>To</u>	<u>Flow Rate or Head</u>	<u>Fresh or Salty</u>
1.	780	1030	2" Stream	Fresh
2.	2653	2779	Did not flow.	Salty
3.				
4.				
5.				

(Continued on reverse side if necessary)

Formation Tops:

De Chelly 2653', Organ Rock 2779', Hermosa 4577', Ismay 5425', Gothic Shale 5573',
 Desert Creek 5596', Chimney Rock 5726'

Remarks:

NOTE: (a) Upon diminishing supply of forms, please inform the Commission
 (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure. (See back of form)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

NAVAJO

7. UNIT AGREEMENT NAME

McELMO CREEK

8. FARM OR LEASE NAME

9. WELL NO.

#V-17

10. FIELD AND POOL, OR WILDCAT

McELMO CREEK

11. SEC., T., R., M., OR BLK. AND
SUBVEY OR AREA

SEC. 10, T41S, R25E

12. COUNTY OR PARISH

SAN JUAN

13. STATE

UTAH

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—" for such proposals.)

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)

At surface

447' FNL & 428' FWL, Section 10, T41S, R25E
San Juan County, Utah

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4712' Ungraded Ground

16.

Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-
nent to this work.)*

Spudded well at 7:00 p.m. 9/14/66.

Set 13-3/8" casing at 50' with cement circulated to surface.

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

SIGNED

D. D. Kingman
D. D. Kingman

TITLE

Production Engineer

DATE

9/15/66

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Navajo
TRIBE Navajo
LEASE NO. 14-20-603-359
McElmo Creek Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1966,

Agent's address P. O. Drawer "G" Company The Superior Oil Company
Cortez, Colorado Signed W. A. [Signature]

Phone 565-3733 Agent's title District Superintendent

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW, Sec. 10	41 S	25E	V-17							Drlg. 5498'
					Spudded: 9-14-66 13-3/8 Cem 50' w/60 sacks 8-5/8 Cem 1480' w/840 sacks					

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

✓ MCU well #V-17 was spudded at 7:00 p.m. 9/14/66 and was drilling at 5498' on September 30.

A 912 unit was placed on MCU well #R-13 which increased gross fluid production from 492 BPD to 694 BPD. Oil production was increased 60 BOPD.

Pressure surveys were run on the following wells during September:

Production Wells - I-12, P-11, M-20, Q-22, Q-16, R-13

Injection Wells - A-17, B-13, H-11, J-11, J-19, L-09, L-17, N-15,
P-13, R-11, R-21, S-10, T-13, T-15

Well maintenance during September consisted of the following:

21 Rod Parts: B-18, C-14, C-19, I-12, K-20, L-19, N-09, O-18,
P-17 (4), Q-16, R-13, R-15 (2), S-12 (3), S-18 (2)

14 Pump Changes: G-12, H-20, I-12, I-14, I-21, J-17, J-25, K-20,
M-20, P-11, Q-22, R-09, R-13, V-11

A broken piston was replaced in the Ingersoll-Rand engine driving the Aldrich pump.

Very truly yours,



W. H. Fraser

DDK/njh
Attach.

File

THE SUPERIOR OIL COMPANY 36.55075%
Injection Well - Area #4

McELMO CREEK UNIT #V-17
447' FNL, 428' FWL
NWNW Sec. 10, T41S, R25E
San Juan County, Utah

FIELD: GREATER ANETH

KB: 4722' DF: 4721' GL: 4710' TD: 5750' PBD: 5695' TLD: 12.00'

SPUDED: 9-14-66 COMPLETED: 10-9-66 TOC: 4758'

INJECTION ZONE: Ismay, Desert Creek Zone I, II

PERFS: Ismay - 5459-69' (1 jet/ft)
Zone I - 5630-33', 5638-62' (2 jets/ft)
Zone II - 5665-68' (2 jets/ft)

CASING:	13-3/8" 35.6# Armco S. W. w/ 60 sx	1 jt	50'
	8-5/8" 24# J-55 ST&C w/ 840 sx	50 jts	1480'
	5-1/2" J-55 R-2 ST&C w/ 250 sx	14#	166 jts
		15.5#	3 jts
			5750'

TUBING: 167 jts 2-7/8" J-55 /w Nu-lock threads, lined w/ TK-75.
Tail at 4712'

PACKER: Lok-set at 4707'

REMARKS: Casing leak 4711-4773'

10-7-66 Perf'd 5630-33', 5638-62', trt'd w/ 5000 gal 28% acid. FP 5900#
ISIP 3950#.

12-15-66 Squeezed all perfs. Perf'd 5630-33', 5638-62', 5665-68', trt'd
w/ 5400 gal 28% acid. Placed on injection.

7-31-70 Pulled tbg & temporarily abandoned well.

1-24-78 Set a RBP at 5686'. Trt'd zones I & II w/ 21,000 gal 28% HCL
acid. FP 4750 psi, ISIP 3900 psi. Left bridge plug set in
hole.

4-26-78 POH w/ BP. Set wireline-run BP at 5500'. Perf'd & acid frac'd
the Ismay 5459-69'. Swabbed dry. Capped well.

8-4-78 Drilled out BP. Converted to water injection.

9-7-78 Raised packer to inject into the Ismay along with zones I & II.

9-16-78 Replaced Baker Lok-set packer. Packer set at 5013'.

9-28-78 Raised packer to 4707'.

6-20-83

INITIAL WELL TEST

McELMO CREEK UNIT #V-17

DATE October 25, 1966

OIL BBL/DAY 39

OIL GRAVITY _____

GAS CU.FT/DAY _____

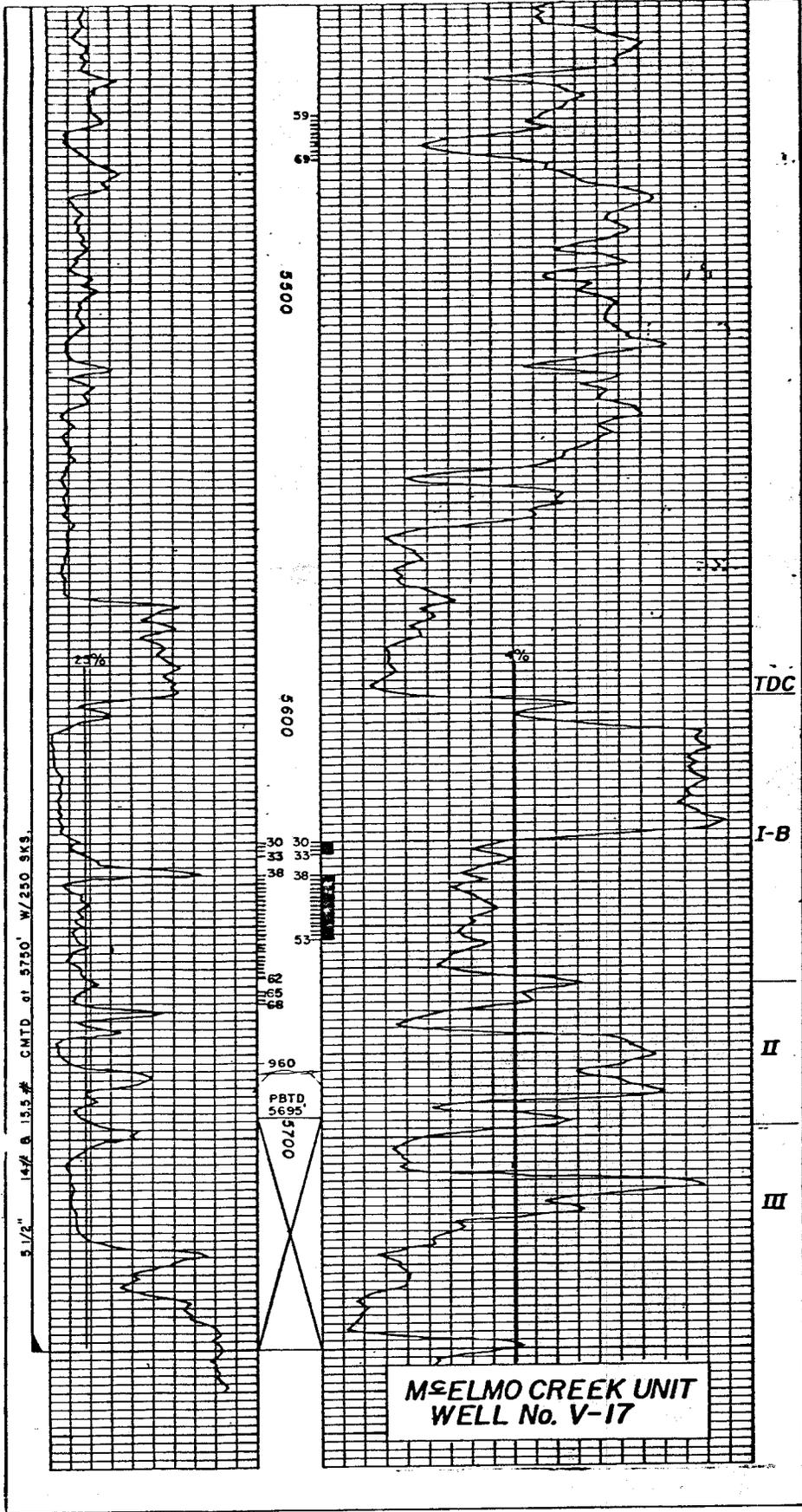
GAS-OIL RATIO CU/FT/BBL _____

WATER BBL/DAY 945

PUMPING/FLOWING P

CHOKE SIZE _____

FLOW TUBING PRESSURE _____



12-15-66: Squenced 5630-93' & 5638-95' perf
 e. prfd 5640-33', 5650-22', & 5665-48', Trid w/ 5100
 28% HCl. Put on W Injection.
 Spudded 9-14-66. Drilled to 5750', Plugged back to 5695'.
 Perfed 5630-33', 5638-53'. Acidized w/5000 gals 28%
 acid.

1-9-78: 1000 gal 28% HCl was spltd across
 DC Zone I B 2. Pmpd 20,000 gal 28% HCl,
 25,000 gal M Brine, 22,000 gal SW. in 3 stgs.
 ISIP 3900, 3750-15 min. Ran Tracer Survey

4-25-78: Set BP 5500, prfd Ismay 5459'-69'
 Spfld 2000 gal HCl across perfs, small brk
 2500# psi ISIP 4250# 15 min 3950

8-3-78: D/O Br Plg. 5550' lock-set pkr
 5532' Ran Wl. Nu-Lock Ind tbng.

9-7-78: Raised packer to inj. into Ismay
 along w/Zone 1, 2. :

McELMO CREEK UNIT
 THE SUPERIOR OIL CO. OPERATOR
 NW NW SEC. 10, T41S, R25E
 SAN JUAN COUNTY, UTAH
 ELEV. 4722' K.B. TD 5750'
 (NOV. 8, 1966)

REVISION: 8-17-78

WI
 Well No. V-17

McElmo Creek Unit

ATTACHMENT I

RULE I-5: Application for Approval of Class II Injection Wells

(a) Well Data Sheets.

- (b) (1) Plat #1.
 (2) Well Data Sheets.
 (3) Well Data Sheets & Logs.
 (4)

i. The average intervening thickness is 4000' between the existing injection interval and the deepest fresh water sand.

ii. Maximum Surface Pressure: 2800 psig.
 Maximum Rate: 4000 BWP.

<u>FORMATION</u>	<u>DEPTH</u>	<u>LITHOLOGY</u>
Chinle	1300' avg.	Shale
DeChelly	2350' avg.	Sandstone
Organ Rock	2600' avg.	Shale
Hermosa	4400' avg.	Limestone
Upper Ismay	5300' avg.	Limestone
Lower Ismay	5370' avg.	Limestone
Gothic	5450' avg.	Shale
Desert Creek	5460' avg.	Limestone
Chimney Rock	5550' avg.	Shale

(5)

(i) A throttling valve is installed on the wellhead to control injection rates and pressures.

(ii) The source of injection water is Superior's production wells within the McElmo Creek Unit. The wells produce from the Ismay and Desert Creek formations with approximate depths of 5300' and 5460' respectively.

(iii) The analysis of injection water is as follows: (as parts per million).

PH: 6.5	Ca: 13770 ppm	SO4: 25 ppm
CL: 16700 ppm	Mg: 11421 ppm	H2S: 30 ppm
Fe: 3 ppm	HCO3: 109.8 ppm	Na: -
CaCO3: 18470 ppm	CO3: -	Specific Gravity: 1.0553

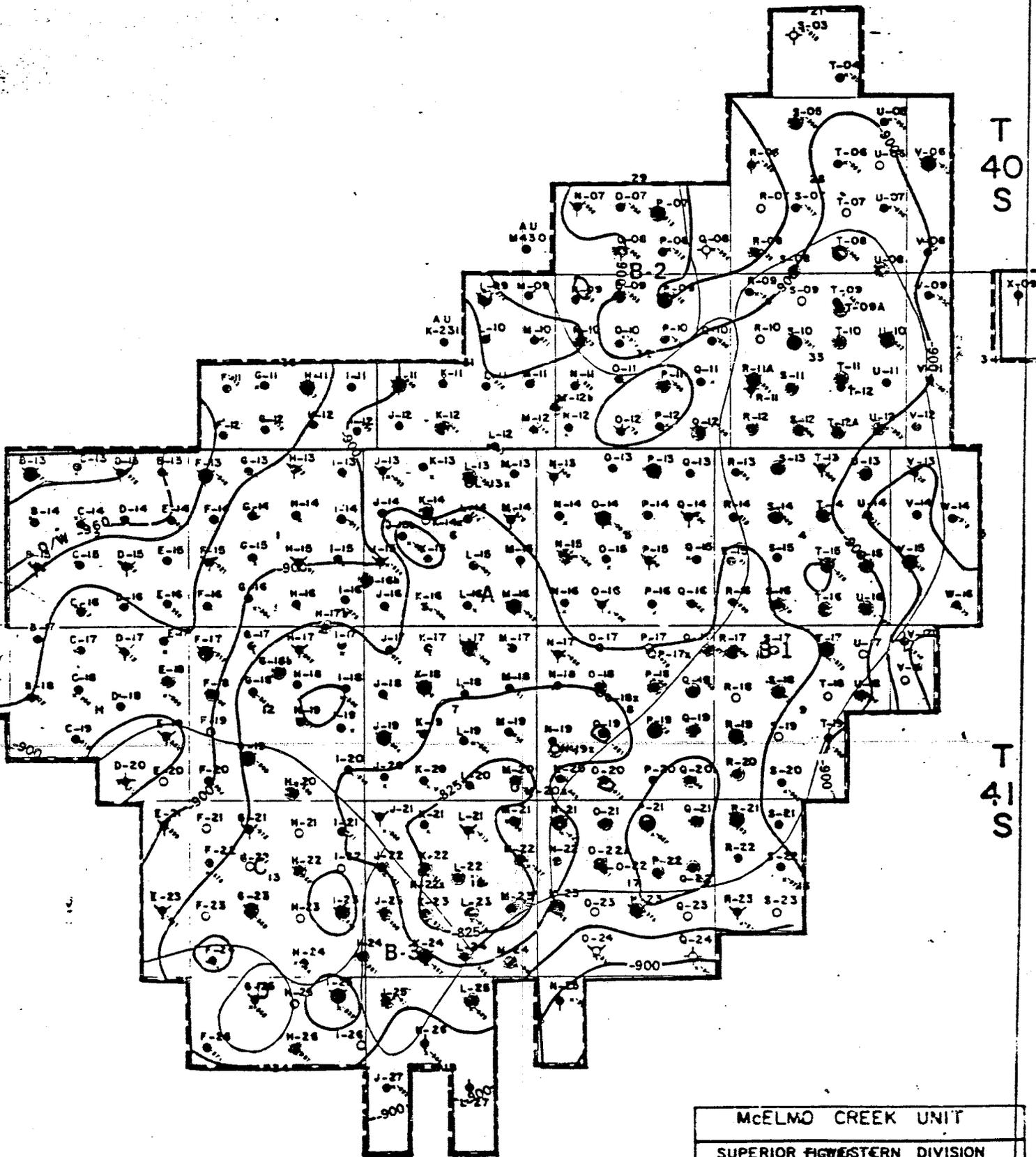
McElmo Creek Unit

(5) Cont.

- (iv) The injection zones are the Ismay and Desert Creek formations. Both zones are carbonate formations consisting of limestone, anhydrite and dolomite. The formations extend throughout the Paradox Basin and are underlain by the Chimney Rock Shale and are overlain by the Hermosa Limestone.
- (v) Fresh water zones (Morrison, Bluff, Entrada) range from 0 to 1300' with Entrada being the deepest and somewhat saline.
- (vi) The analysis of formation water (Desert Creek) is as follows: (as parts per million).
- | | | |
|------------------|----------------|--------------------------|
| PH: 6.6 | Ca: 17410 ppm | SO4: 33 ppm |
| CL: 34800 ppm | Mg: 11518 ppm | H2S: 10 ppm |
| Fe: 1.5 ppm | HCO3: 48.8 ppm | Ba: - |
| CaCO3: 22150 ppm | CO3: - | Specific Gravity: 1.0902 |
- (6) To assure that injection is confined to intervals intended to receive the disposed water, wireline diagnostic surveys are run periodically to determine whether any escapement is taking place. If such information is discovered, the disposal well will be shut-in until proper measure can be taken. Casing pressure readings are made regularly to verify that no tubing or packer leaks have developed. If such leaks develop, the well will be shut-in until proper repairs can be made.
- (7) N/A.
- (8) The Division will be notified of the date and time to monitor the mechanical integrity test.
- (9) N/A.
- (10) N/A.

R24E

R25E



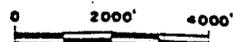
T
40
S

T
41
S

LEGEND

- FUTURE LOCATION
- DRILLING WELL (STATUS)
- OIL WELL
- ▼ WATER INJECTION WELL
- ⊕ DUAL SERVICE, INJ/PROD

O/W CONTACT -960



McELMO CREEK UNIT	
SUPERIOR WESTERN DIVISION	
McELMO CREEK UNIT SAN JUAN COUNTY, UTAH LAND MAP	
SUPERIOR - WESTERN DIVISION	
STRUCTURE	
BY TOP OF	
DESERT CREEK LIMESTONE, DEV	
DATE: 4-14-73	
DATE: _____	DRAWING NO. _____
BY: _____	SCALE: _____
DATE: _____	C.I.: 2511
CHECKED: _____	DRAWN BY: _____

CHECKLIST FOR INJECTION WELL APPLICATION AND FILE REVIEW

Operator: Superior Well No. McElroy Creek Unit V 17
 County: San Juan T 41S R 25E Sec. 10 API# 43-037-20093
 New Well Conversion Disposal Well Enhanced Recovery Well

	YES	NO
UIC Forms Completed	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Plat including Surface Owners, Leaseholders, and wells of available record	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Schematic Diagram	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fracture Information	<input type="checkbox"/>	<input checked="" type="checkbox"/>
Pressure and Rate Control	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Adequate Geologic Information	<input checked="" type="checkbox"/>	<input type="checkbox"/>
Fluid Source	<u>Desert Creek - Jerry</u>	
Analysis of Injection Fluid	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>60,000</u>
Analysis of Water in Formation to be injected into	Yes <input checked="" type="checkbox"/> No <input type="checkbox"/>	TDS <u>70,000</u>
Known USDW in area	<u>Marajo-Churle</u> Depth <u>1300</u>	
Number of wells in area of review	<u>6</u> Prcd. <u>4</u> P&A <u>0</u>	Water <u>0</u> Inj. <u>2</u>
Aquifer Exemption	Yes <input type="checkbox"/> NA <input checked="" type="checkbox"/>	
Mechanical Integrity Test	Yes <input type="checkbox"/> No <input checked="" type="checkbox"/>	
Date		Type

Comments: _____

Reviewed by: COF

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE

(See other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R355.5

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.
#V-17

10. FIELD AND POOL, OR WILDCAT
McElmo Creek

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec. 10, T41S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL GAS WELL DRY Other _____

b. TYPE OF COMPLETION: NEW WELL WORK OVER DEEP-EN PLUG BACK DIFF. RESYR. Other _____

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface 447' FNL & 428' FWL, Sec. 10, T41S, R25E
At top prod. interval reported below Same
At total depth Same

14. PERMIT NO. _____ DATE ISSUED _____

15. DATE SPUNDED 9/14/66 16. DATE T.D. REACHED 10/2/66 17. DATE COMPL. (Ready to prod.) ~~Oct. 9, 1966~~ See 11/9/66 report. 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 4722' KB 19. ELBV. CASINGHEAD 4711'

20. TOTAL DEPTH, MD & TVD 5750' 21. PLUG, BACK T.D., MD & TVD 5695' 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY ROTARY TOOLS Ground 5750' CABLE TOOLS None

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* 5596-5726' Desert Creek 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN Induction-ES, Gamma Ray Neutron 27. WAS WELL CORED No

28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
13-3/8"	48#	50'	17-1/4	Circulated	None
8-5/8"	24#	1480'	12-1/4	Circulated	None
5-1/2"	14# & 15.5#	5750'	7-7/8	250 Sacks	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5496'	5389'

31. PERFORATION RECORD (Interval, size and number)
5630-33', 5638-53' with 2 jets per foot

32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5630-53'	5000 gallons 28% acid

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) _____ WELL STATUS (Producing or shut-in) SI

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
Oct. 24, 1966	10 1/2	Swb Test	→	8	No Test	246	--
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	
---	---	→	18	--	560	Not Taken	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Vented TEST WITNESSED BY M. E. Beaver

35. LIST OF ATTACHMENTS
Logs

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED D. D. Kingman TITLE Production Engineer DATE Oct. 28, 1966

*(See instructions and spaces for Additional Data on Reverse Side)

INSTRUCTIONS

General: This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 38, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 18: Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

Items 22 and 24: If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

Item 29: "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

Item 33: Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

37. SUMMARY OF POROUS ZONES:
SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECORDERIS

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.
Ismay	5425'	5573'	Water Oil & Water
Desert Creek	5596'	5726'	

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
De Chelly	2653'		
Organ Rock	2779'		
Hermosa	4577'		
Ismay	5425'		
Gothic Shale	5573'		
Desert Creek	5596'		
Chimney Rock	5726'		

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Navajo
TRIBE Navajo
LEASE NO. 14-20-603-359

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County SAN JUAN Field McELMO CREEK UNIT

The following is a correct report of operations and production (including drilling and producing wells) for the month of OCTOBER, 1966,

Agent's address P. O. DRAWER 'G' Company THE SUPERIOR OIL COMPANY
CORTEZ, COLORADO Signed D. D. Kingman

Phone 565-3733 Agent's title Production Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 10	40S	25E	V-17		Set 5-1/2" casing at 5750' with 250 sacks. Perforated 5630-33', 5638-53' and treated with 5000 gallons 28% acid. Swabbed 8 bbl oil and 246 bbl water in 10-1/2 hours. Temporarily SI awaiting additional work.					

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TR ATE*
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.
#V-17

10. FIELD AND POOL, OR WILDCAT
McElmo Creek

11. SEC. T, R, M, OR BLK. AND SURVEY OR AREA
Sec. 10, T41S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

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—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR
P. O. DRAWER 'G', CORTEZ, COLORADO

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
447' FNL & 428' FWL Sec, 10, T41S, R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	(Other) <input type="checkbox"/>

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Previously reported completion date of October 9, 1966 was a preliminary completion date only. Due to the high producing water cut, it will be necessary to perform additional work on the well before it will be capable of producing.

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

SIGNED D. D. Kingman TITLE Production Engineer DATE 11/9/66

D. D. Kingman

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

ALLOTTEE Navajo
TRIBE Navajo
LEASE NO. 14-20-603-359
McElmo Creek Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County San Juan Field McElmo Creek Unit

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1966,

Agent's address P. O. Drawer "G" Company The Superior Oil Company
Cortez, Colorado Signed D. D. Wagner

Phone 565-3733 Agent's title Production Engineer

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NW NW 10	40S	25E	V-17							Prepare to Recomplete

NOTE.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

V-17

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 10, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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—" for such proposals.)

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

THE SUPERIOR OIL COMPANY

3. ADDRESS OF OPERATOR

P. O. DRAWER 'G', CORTEZ, COLORADO 81321

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)

At surface

447' FNL and 428' FWL Section 10, T41S, R25E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4722' KB

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input checked="" type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) Squeeze & Reperforate <input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Propose to squeeze all perms with 200 sacks cement, reperforate 5630-33, 5638-62, 5665-68 with 2 shots/foot and treat perms 5630-68 with 5,000 gallons 28% acid. Will hook well up to injection line and commence water injection.

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

SIGNED D. D. Kingman
D. D. Kingman

TITLE Production Engineer

DATE Dec. 8, 1966

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

DDK/njh

*See Instructions on Reverse Side

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

SUBMIT OR REPERFORATE* (Other instructions on reverse side)

Form approved. Budget Bureau No. 42-R1424.

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" for such proposals.)

1. OIL WELL [] GAS WELL [] OTHER Water Injection Well
2. NAME OF OPERATOR The Superior Oil Company
3. ADDRESS OF OPERATOR P O. Drawer "G" Cortez, Colorado
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 447' FNL & 428' FWL Sec. 10, T41S, R25E
14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4722' KB

5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-359
6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
7. UNIT AGREEMENT NAME McElmo Creek Unit
8. FARM OR LEASE NAME
9. WELL NO. V-17
10. FIELD AND POOL, OR WILDCAT
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 10, T41S, R25E
12. COUNTY OR PARISH San Juan
13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data
NOTICE OF INTENTION TO: TEST WATER SHUT-OFF [] PULL OR ALTER CASING [] FRACTURE TREAT [] MULTIPLE COMPLETE [] SHOOT OR ACIDIZE [] ABANDON* [] REPAIR WELL [] CHANGE PLANS [] (Other) []
SUBSEQUENT REPORT OF: WATER SHUT-OFF [] REPAIRING WELL [] FRACTURE TREATMENT [] ALTERING CASING [] SHOOTING OR ACIDIZING [X] ABANDONMENT* [] (Other) Squeeze and Reperforate [X] (NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Squeezed all perfs w/ 200 sacks cement. Drilled out cement and perforated 5630-33, 5638-62, 5665-68. Treated perfs 5630-68 w/ 5400 gallons 28% acid. Job completed December 15, 1966. Connected well to injection line. Injected 61 bbl water in 24 hours December 18, 1966.

18. I hereby certify that the foregoing is true and correct
SIGNED D. D. Kingman TITLE Production Engineer DATE 12-19-66
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Vertical text on the right side of the page, likely a stamp or administrative note, partially legible as 'REVISION' and 'DATE'.

THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO, 81321

January 16, 1967

NOTE: There were 308,660 runs or sales
of oil 228,179 MCF of gas
sold; no runs or sales of gasoline
during the month of Dec. 1966

TO ALL WORKING INTEREST OWNERS
McELMO CREEK UNIT

Gentlemen:

Attached is the Unit production report for December, 1966.

Production:	Oil	-	308,660 bbl	9,957 BOPD
	Gas	-	242,373 MCF	7,818 mc fcp
	GOR	-	785	

Injection:	Fresh Water	-	1,382,926 bbl	44,610
	Produced Water	-	929,588 bbl	29,987
	Aneth Unit Water	-	158,990 bbl	5,129
	Total	-	2,471,504 bbl	79,726

Daily average oil production increased 292 BOPD over November. The GOR decreased 75 cubic feet per barrel.

The production increase is the result of the successful workover of well #R-15. This well was squeezed with 400 sacks and perforated in the Ismay and Zone I. Zone I was treated with 12,400 gallons 28% acid and flowed 408 bbl fluid in 14½ hrs. following the treatment. The Ismay was then treated with 3,000 gallons 28% acid and flowed 776 bbl fluid in 21½ hrs. following the treatment. The Ismay only was produced during December and flowed at an average rate of approximately 375 BOPD.

Well #V-17 was squeezed with 200 sacks and reperforated 5630-33, 5638-62, 5665-68. These perms were treated with 5400 gallons 28% acid on December 15, 1966 and the well was hooked up to the injection system with a temporary injection line. Water was injected into the well at approximately a 50 BPD rate for eleven days. The injection line then froze, so injection into this well has been discontinued. The USGS will consider December 15, 1966 as the completion date of this well.

Well #F-11 was squeezed with 295 sacks, perforated in Zone I, and stimulated with 10,500 gallons 28% acid. Production several days after completion was 35 BOPD and 22 BWPD. This is a disappointingly

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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 Form 9-331-C for such proposals.)

1. oil well gas well other Water Injection Well

2. NAME OF OPERATOR
The Superior Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 71, Conroe, Texas 77301

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 447' FNL & 428' FWL, Sec. 10
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

5. LEASE
14-20-603-359

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
McElmo Creek Unit

8. FARM OR LEASE NAME
McElmo Creek

9. WELL NO.
MCU #V-17

10. FIELD OR WILDCAT NAME
McElmo Creek Field

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 10, T41S, R25E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4722' KDB

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

REQUEST FOR APPROVAL TO:	SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
PULL OR ALTER CASING <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
MULTIPLE COMPLETE <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
CHANGE ZONES <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
ABANDON* <input type="checkbox"/>	FRAC. CONTROL <input type="checkbox"/>
(other) <u>Convert to water injection</u>	

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE REVERSE SIDE

APPROVED [Signature] DIVISION OF
OIL, GAS, AND MINING

DATE: Jan 3, 1980

BY: [Signature]

Subsurface Safety Valve: Manu. and Type Set @ 212-14-79 Ft.

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

SIGNED [Signature] TITLE Sr. Engineering Asst.

APPROVED BY _____ TITLE _____ DATE _____

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

USGS (4)
UTAH (2), WHE, RG, CF, WIO

Instructions

General: This form is designed for submitting proposals to perform certain well operations, and reports of such operations when completed, as indicated, on Federal and Indian lands pursuant to applicable Federal law and regulations, and, if approved or accepted by any State, on all lands in such State, pursuant to applicable State law and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office.

Item 4: If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

Item 17: Proposals to abandon a well and subsequent reports of abandonment should include such special information as is required by local Federal and/or State offices. In addition, such proposals and reports should include reasons for the abandonment; data on any former or present productive zones, or other zones with present significant fluid contents not sealed off by cement or otherwise; depths (top and bottom) and method of placement of cement plugs; mud or other material placed below, between, and above plugs; amount, size, method of parting of any casing, liner or tubing pulled and the depth to top of any left in the hole; method of closing top of well; and date well site conditioned for final inspection looking to approval of the abandonment.

U.S. GOVERNMENT PRINTING OFFICE: 1974-O-533-007

HISTORY

Well originally completed 10-1-66 producing from Desert Creek Zone I^a (Perfs. 5630-62 O/A).
 12-15-66 Existing perrrs, were squeezed off and re-perf'd in Desert Creek Zone I & II
 5630-62 & 5665-68); treated w/5400 gals 28% acid and converted to injection. 7-31-70
 Tubing was removed and well temp. abandoned. 2-1-74-78 Completion septo. ran back and existing
 perf'd Zone I & II treated with 21,000 gals 28% acid, well restored to producing. 4-26-78
 set wire-line BP @ 5500' & perf'd. Ismay (5459-69) treated w/2000 gals 28% acid, swabbed
 dry, shut-in well.

REPORT OF

8-2-78	MI & RU. Fished setting tool from top of BP, drilled up BP & 5500'. Set Bkr, Lockset pkr @ 5528 on 2-7/8" OD TBG.
8-4-78	Well completed to inject into Desert Creek Zones I & II (5630-62 O/A & 5665-68).
9-16-78	Unseated Pkr., pulled and reset # 5408.
9-17-78	Filled csg with W/K Inhibitor. Test set pkr. w/800# OK. Well completed to inject into Ismay, Desert Creek I & II (perfs. 5459-69, 5630-33, 5638-62, 5665-68) STARTED INJECTION 1500 Hrs., 9-17-78.

APPROVED BY _____
 SIGNED _____

**DEPARTMENT OF THE INTERIOR
 GEOLOGICAL SURVEY**

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 Form 3-10 for such proposals.)

1. NAME OF OPERATOR: The Superior Oil Company

2. ADDRESS OF OPERATOR: P. O. BOX 77301, CONRO, TEXAS

3. LOCATION OF WELL (below): REPORT LOCATION CLEARLY, SHOWING COUNTY, STATE, AND SECTION, TOWNSHIP, AND RANGE.

4. LOCATION OF WELL (below): AT SURFACE: ETL 2 200' EWL, Sec. 10, AREA, SEC. T. R. McInnis CO. FIELD OR W. MCU #V-I. WELL NO. McInnis CO.

5. NAME OF OPERATOR: The Superior Oil Company

6. ADDRESS OF OPERATOR: P. O. BOX 77301, CONRO, TEXAS

7. LOCATION OF WELL (below): REPORT LOCATION CLEARLY, SHOWING COUNTY, STATE, AND SECTION, TOWNSHIP, AND RANGE.

8. LOCATION OF WELL (below): AT SURFACE: ETL 2 200' EWL, Sec. 10, AREA, SEC. T. R. McInnis CO. FIELD OR W. MCU #V-I. WELL NO. McInnis CO.

9. NAME OF OPERATOR: The Superior Oil Company

10. ADDRESS OF OPERATOR: P. O. BOX 77301, CONRO, TEXAS

11. LOCATION OF WELL (below): REPORT LOCATION CLEARLY, SHOWING COUNTY, STATE, AND SECTION, TOWNSHIP, AND RANGE.

12. LOCATION OF WELL (below): AT SURFACE: ETL 2 200' EWL, Sec. 10, AREA, SEC. T. R. McInnis CO. FIELD OR W. MCU #V-I. WELL NO. McInnis CO.

13. CHECK APPROPRIATE BOX INDICATING NATURE OF WELL:

14. CHECK APPROPRIATE BOX INDICATING NATURE OF WELL:

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Converted 1978

UTAH DIVISION OF OIL, GAS AND MINING
CASING-BRADENHEAD TEST

OPERATOR: MEPNA

FIELD: Greater Aneth LEASE: McElmo Creek

WELL # V-17 SEC. 10 TOWNSHIP 41S RANGE 25E

STATE (FED) FEE PBTD 5695 DEPTH 5750 TYPE WELL INJW MAX. INJ. PRESS. 2800 psig
4000 BWPD

TEST DATE 10/22/86

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>	<u>13³/₈</u>	<u>50'</u>	<u>60_{SX}</u>	<u>50#</u>	<u>No flow line</u>	
<u>INTERMEDIATE</u>	<u>8⁵/₈</u>	<u>1480'</u>	<u>840_{SX}</u>		<u>into well,</u>	
<u>PRODUCTION</u>	<u>5¹/₂</u>	<u>5750'</u>	<u>250_{SX}</u>	<u>0</u>	<u>only a wellhead;</u>	
					<u>Shut-in</u>	
<u>TUBING</u>	<u>2⁷/₈</u>	<u>4712</u>		<u>0</u>	<u>indefinitely</u>	
	<u>Log-set at 4707</u>					

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

CASING STRING	SIZE	SET AT	CMT	PRESSURE READINGS	REMARKS	FUTURE
<u>SURFACE</u>						
<u>INTERMEDIATE</u>						
<u>PRODUCTION</u>						
<u>TUBING</u>						

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.
14-20-603-359

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
McELMO CREEK UNIT

8. Well Name and No.
V-17

9. API Well No.
43-037-20093

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other **WLU**

2. Name of Operator

MOBIL OIL CORPORATION

3. Address and Telephone No.

P.O. BOX 633, MIDLAND, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEC. 10, T41S, R25E 447' FNL, 428' FWL

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

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other SHUT-IN STATUS
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

MOBIL REQUESTS SHUT-IN STATUS DUE TO UNECONOMICAL TO PRODUCE.

RECEIVED

JUL 08 1992

**DIVISION OF
OIL GAS & MINING**

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

Signed Shirley Todd **SHIRLEY TODD** Title ENVIR. & REG. TECH Date 7-2-92

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____
Conditions of approval, if any:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-603-359

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

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8. Well Name and No.
V-17

9. API Well No.
43-037-20093

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
MOBIL OIL CORPORATION FEB 12 1993

3. Address and Telephone No.
P.O. BOX 633, MIDLAND, TX 79702 (915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
SEC. 10, T41S, R25E 447' FNL, 428' FWL

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<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input checked="" type="checkbox"/> Other SHUT-IN STATUS
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
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MOBIL REQUESTS SHUT-IN STATUS DUE TO UNECONOMICAL TO PRODUCE.

THIS APPROVAL EXPIRES JUL 15 1993

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

Signed Shirley Todd **SHIRLEY TODD** Title ENVIR. & REG. TECH Date 7-2-92

(This space for Federal or State office use)

Approved by _____ Title _____ Date JUL 20 1992

Conditions of approval, if any: _____

AREA MANAGER

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 jurisdiction.

*See instruction on Reverse Side
OPERATOR

RECEIVED
 JUL 15 1993
 ENVIRONMENTAL
 PROTECTION
 DIVISION

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

5. Lease Designation and Serial No.

14-20-603-359

6. If Indian, Allottee or Tribe Name

NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation

MCELMO CREEK UNIT

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

8. Well Name and No.

V-17

2. Name of Operator

MOBIL EXPLORATION & PRODUCING U.S. INC.

9. API Well No.

43-037-20093

3. Address and Telephone No.

P O BOX 633 MIDLAND, TX 79702

(915) 688-2585

10. Field and Pool, or Exploratory Area

GREATER ANETH

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

447' FNL, 428' FWL SEC.10, T41S, R25E

11. County or Parish, State

SAN JUAN, UTAH

12. CHECK APPROPRIATE BOX(S) 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"/> Abandonment
<input type="checkbox"/> Subsequent Report	<input type="checkbox"/> Recompletion
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Plugging Back
	<input type="checkbox"/> Casing Repair
	<input type="checkbox"/> Altering Casing
	<input type="checkbox"/> Other _____
	<input type="checkbox"/> Change of Plans
	<input type="checkbox"/> New Construction
	<input type="checkbox"/> Non-Routine Fracturing
	<input type="checkbox"/> Water Shut-Off
	<input type="checkbox"/> Conversion to Injection
	<input type="checkbox"/> Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

SEE ATTACHMENTS

RECEIVED

SEP 22 1993

DIVISION OF
OIL, GAS & MINING

RECEIVED BY THE STATE
COMMISSIONER OF
OIL, GAS AND MINING

DATE: 9/24/93
BY: J.M. Matthews

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

Signed Shirley Todd SHIRLEY TODD

Title ENV. & REG. TECHNICIAN

Date 9-16-93

(This space for Federal or State office use)

Approved by _____
Conditions of approval, if any:

Title _____

Date _____

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 jurisdiction.

*See instruction on Reverse Side

McElmo Creek Unit V-17
Uneconomical Well

PLUG AND ABANDONMENT PROCEDURE

NOTE: Any revisions to the following procedure are subject to Mobil and BLM approval.

1. Notify Mark Kelley with the Bureau of Land Management at 505/599-8900 at least 48 hours prior to plugging the well. Document date/time BLM is notified and also document the date/time that BLM representative is on location.
2. MI workover rig. Load well with lease water. If well is not dead, use 10 ppg brine. NU and PT BOP's. Release Baker Lok-set packer. Circulate hole to 10 ppg brine if necessary. POH laying down 2-7/8", 6.5 lb/ft J-55 EUE 8rd plastic coated tubing. Install thread protectors while laying tubing down. Transport tubing to Mobil's Aneth field pipe yard. RIH with 4-3/4" bit without nozzles, casing scraper for 5-1/2", 15.5 lb/ft casing and bulldog bailer on 2-7/8" workstring and CD to 5673'. POH. RU wireline unit. RIH with cement retainer on wireline and set at 5325' EL. POH. RD wireline unit. RIH with star-guide stinger and 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring. Sting into cement retainer and pressure test backside to 200 psi and monitor. Establish an injection rate of 1-2 BPM using lease water. Mix and pump 5 bbls fresh water spacer, 93 cu ft of class B 15.6 ppg neat cement, 5 bbls of fresh water spacer. Displace cement to cement retainer using lease water. Do not exceed 2000 psi surface injection pressure. Pull out of cement retainer and reverse out hole to 9 ppg fresh water mud having a minimum viscosity of 50 sec/qt containing a minimum of 15 lbs/bbl of sodium bentonite and a nonfermenting polymer.
3. PU to 4660' and spot 28 cu ft of class B 15.6 ppg neat cement from 4660'-4460'. Pull out of cement plug at less than 30 ft/min. WOC.
4. Tag top of cement plug with workstring. Cement top must be above 4510'. Spot additional cement as necessary. POH laying down all but 1520' of 2-7/8" workstring.
5. RIH with Servco K-mill or equivalent for 5-1/2", 14 lb/ft casing and drill collars as necessary on 2-7/8" workstring. Cut casing at 1520' and mill 1 ft to confirm cut. POH laying down all but 1020' of workstring. Spear and recover 5-1/2", 14 lb/ft casing. If 5-1/2" casing string was recovered Go To Step No. 7.

6. If 5-1/2" casing string is cut but cannot be recovered. RIH with cement retainer on 500' of 2-3/8" CS Hydril tubing and 2-7/8" workstring and set at 1470'. PT backside to 200 psi and monitor. Establish injection rate of 1-2 BPM using 9 ppg mud taking returns on 5-1/2" casing annulus. Mix and pump 598 cu ft of class B 15.6 ppg neat cement (includes 100 percent excess as required by BLM) and displace cement to cement retainer. Note: If get good uncontaminated cement returns, the pumping of cement can be discontinued. Pull out of cement retainer and reverse out with 9 ppg mud. POH and lay down drag block setting tool. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring to top of cement retainer at 1470'. Fill hole with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 202 cu ft. Go To Step No. 8.
7. RIH with 500' of 2-3/8" CS Hydril tailpipe on 2-7/8" workstring to 1520'. Fill hole from 1520' to surface with class B 15.6 ppg neat cement in 400' stages, laying down workstring while POH. Calculated volume required to fill hole is 543 cu ft.
8. If top of casing strings are above ground level, cut off casing strings at ground level. Top off all casing annuli with cement. Use 1" spaghetti string if necessary to spot cement. Weld on a 1/4" steel plate having a 1/4" weep hole. Steel plate should cover all casing strings and have the following information welded to the top of the plate:

Mobil E&P U.S., Inc.
McElmo Creek Unit #V-17
Navajo Tribal Lease
14-20-603-359
447' FNL, 428' FWL
Sec. 10 - T41S - R25E
San Juan Co., Utah
9. RDMD workover rig. Haul off salvaged equipment and clean location. Notify Shirley Todd with Mobil at 918/688-2585 when work is completed so that a Sundry Notice (Subsequent Report of Abandonment, Form 3160-5) can be filed with the Bureau of Land Management.

Mobil Operations Engineer: Sean S. Murphy
Office Phone: 303/565-2208
Home Phone: 303/564-9423

McElmo Creek Unit # V-17

API # 43-037-20093

JOB OR AUTH. NO.

LOCATION 447' FNL, 428' FWL Sec. 10-T41S-R25E

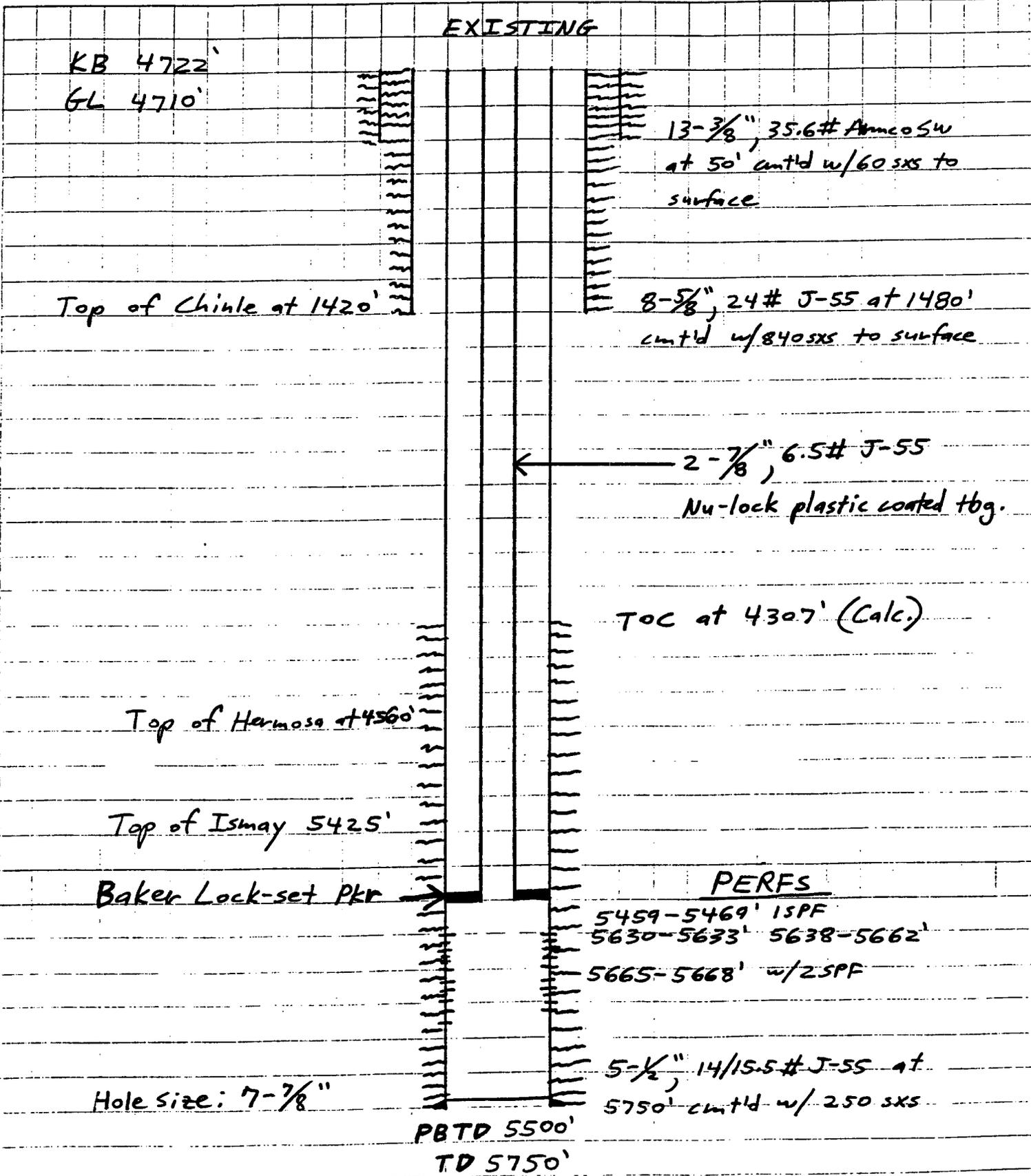
PAGE

SUBJECT Plug and Abandon

DATE 8/Sept/93

LEASE 14-20-603-359

BY S. S. Murphy



McElmo Creek Unit # V-17

API # 43-037-20093

JOB OR AUTH. NO.

LOCATION 447' FNL, 428' FWL Sec. 10-T41S-R25E

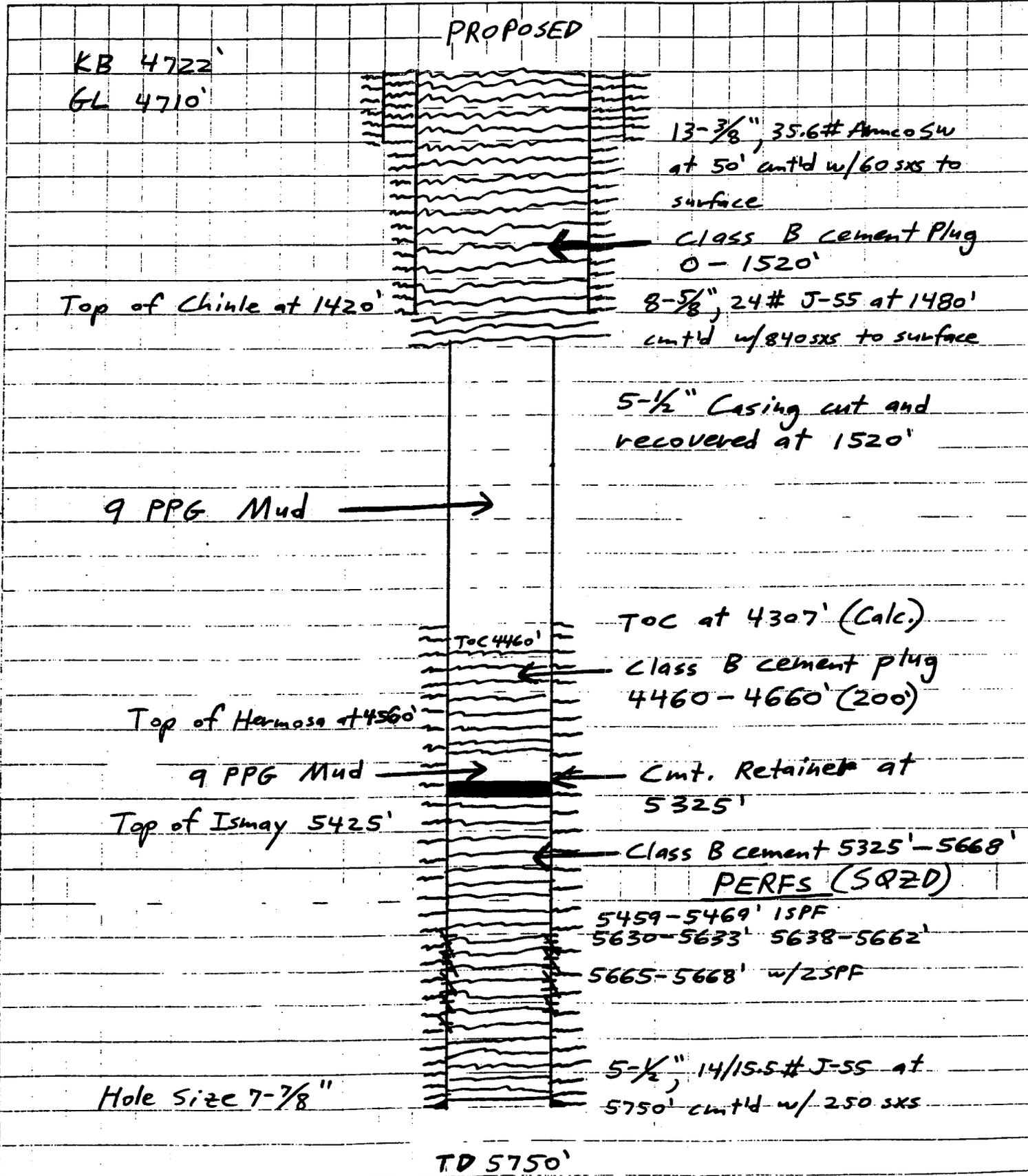
PAGE

SUBJECT Plug and Abandon

DATE 8/Sept/93

LEASE 14-20-603-359

BY S. S. Murphy



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

5. Lease Designation and Serial No.
14-20-603-359

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA, Agreement Designation
MCELMO CREEK UNIT

8. Well Name and No.
V-17

9. API Well No.
43-037-20093

10. Field and Pool, or Exploratory Area
GREATER ANETH

11. County or Parish, State
SAN JUAN, UTAH

SUBMIT IN TRIPLICATE

1. Type of Well

Oil Well Gas Well Other

2. Name of Operator

MOBIL EXPLORATION & PRODUCNG U.S. INC.

3. Address and Telephone No.

P.O. BOX 633, MIDLAND TX 79702

(915) 688-2585

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

447' FNL, 428' FWL SEC. 10, T41S, R25E

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

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

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

10/13 MIRU - NOTIFY LEONARD BIXLER OF THE BLM - LEONARD BIXLER ON LOCATION - POOH PKR & TBG - SET CIBP AT 5350

10/14 SPOT 75' CLASS B 1.18 YIELD, 15.6#/GAL - CIRC HOLE - SPOT 28 CU FT CLASS B CMT PLUG AT 4660' - PERF W/4 JSPF 1530 - 1533 - SET CMT RET AT 1480 - CMT TO SURFACE ON BACKSIDE OF CSG W/265 SX CLASS B 1.18 YIELD, 15.6#/GAL - CMT WELL BORE IN 400' STAGES W/TOTAL 165 SX CLASS B - DIG OUT & CUT OFF WELL HEAD

WELD ON PLATE, EXTENSION, & SURFACE INFORMATION PLATE

RECEIVED

NOV 23 1993

DIVISION OF
OIL, GAS & MINING

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

Signed S. Boyer for Shirley Todd

Title Env. & Reg Technician

Date 11/19/93

(This space for Federal or State office use)

Approved by _____

Title _____

Date _____

Conditions of approval, if any:

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 jurisdiction.

*See Instruction on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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 <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other		5. Lease Serial No. See Listing below
2. Name of Operator Mobil Producing TX & NM Inc* *Mobil Exploration & Producing US Inc as agent for MPTM		6. If Indian, Allottee or Tribe Name NAVAJO TRIBAL
3a. Address P.O. Box 4358, Houston, TX 77210-4358	3b. Phone No. (include area code) 713-431-1022	7. If Unit or CA/Agreement, Name and/or No. McElmo Creek Unit
4. Location of Well (Footage, Sec., T., R., M., or Survey Description) See Listing below		8. Well Name and No. See Listing below
		9. API Well No. See Listing below
		10. Field and Pool, or Exploratory Area Greater Aneth
		11. County or Parish, State San Juan, UTAH

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input 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 checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Final Clearance</u>
	<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 Completed 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 recomplete 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 recompletion 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 site is ready for final inspection)

Mobil Exploration & Producing US Inc. as agent for Mobil Producing Texas & New Mexico Inc. & Mobil Exploration & Producing North America Inc requests Final Clearance on the following Abandoned wells as listed in Letter 3160 (07200):

- 1) McElmo Creek T-04, 660' FSL & 1980' FEL, Sec. 21 T40S-R25E, Lease # 14-20-603-2048A, -43-037-16306
- 2) McElmo Creek T-06, 1980' FNL & 1980' FEL, Sec. 28 T40S-R25E, Lease # 14-20-603-2048A, -43-037-15332
- 3) McElmo Creek R-06, 1980' FNL & 660' FWL, Sec. 28 T40S-R25E, Lease # 14-20-603-2048A, -43-037-10241
- 4) McElmo Creek T-09, 790' FNL & 2035' FEL, Sec. 33 T40S-R25E, Lease # 14-20-603-2057, -43-037-16153
- 5) McElmo Creek F-23, 2230' FSL & 765' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370, -43-037-151031
- 6) McElmo Creek F-24, 565' FSL & 760' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370, -43-037-15948
- 7) McElmo Creek F-21, 852' FNL & 925' FWL, Sec. 13 T41S-R24E, Lease # 14-20-603-370, -43-037-15163
- 8) McElmo Creek W-14, 2065' FNL & 1820' FWL, Sec. 03 T41S-R25E, Lease # 14-20-603-2057, -43-037-16161
- 9) McElmo Creek W-16, 535' FSL & 1830' FWL, Sec. 03 T41S-R25E, Lease # 14-20-603-2057, -43-037-16161
- 10) McElmo Creek V-17, 447' FNL & 428' FWL, Sec. 10 T41S-R25E, Lease # 14-20-603-359, -43-037-15003
- 11) McElmo Creek L-27, 1980' FSL & 1980' FEL, Sec. 19 T41S-R25E, Lease # 14-20-603-264, -43-037-15509
- 12) McElmo Creek K-26, 1980' FNL & 1810' FWL, Sec. 19 T41S-R25E, Lease # 14-20-603-264, -43-037-15558
- 13) McElmo Creek N-25, 660' FNL & 660' FWL, Sec. 20 T41S-R25E, Lease # 14-20-603-264, -43-037-15559

DIVISION OF
OIL, GAS AND MINING

14. I hereby certify that the foregoing is true and correct Name (Printed/Typed) MARK DEL PICO	Title Regulatory Specialist
Signature <i>Mark Del Pico</i>	Date 11/16/00

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By	Title	Date
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.	Office	

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

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.

5. Lease Serial No.
See Listing Below

6. If Indian, Allottee or Tribe Name
NAVAJO TRIBAL

7. If Unit or CA/Agreement, Name and/or No.
McElmo Creek Unit

8. Well Name and No.
See Listing Below

9. API Well No.
See Listing Below

10. Field and Pool, or Exploratory Area
Greater Aneth

11. County or Parish, State
San Juan, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well
 Oil Well Gas Well Other

2. Name of Operator
Mobil Producing TX & NM Inc.*
***Mobil Exploration & Producing US Inc. as agent for MPTM**

3a. Address
P.O. Box 4358, Houston, TX 77210-4358

3b. Phone No. (include area code)
713-431-1828

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
See Listing Below

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

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input 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 checked="" type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other <u>Bond Release</u>
	<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 Completed 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 recomplete 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 recompletion 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 site is ready for final inspection)

BOND RELEASE: THE SUBJECT LOCATIONS HAVE BEEN RECLAIMED AND ARE READY FOR INSPECTION AND BOND RELEASE. PLEASE RELEASE MOBIL EXPLORATION & PRODUCING US INC. AS AGENT FOR MOBIL PRODUCING TX & NM INC. FROM ANY FURTHER LIABILITY FOR THESE LOCATIONS AND REMOVE THEM FROM THE FEDERAL BOND LISTING.

- | | | | |
|------------------------|--------------------|--------------------|--|
| 1) McElmo Creek T-04, | 660'FSL/1980'FEL, | Sec. 21 T40S-R25E, | Lease #14-20-603-2048A -- 43-037-16376 |
| 2) McElmo Creek T-06, | 1980'FNL/1980'FEL, | Sec. 28 T40S-R25E, | Lease #14-20-603-2048A - 43-037-15332 |
| 3) McElmo Creek R-06, | 1980'FSL/660'FWL, | Sec. 28 T40S-R25E, | Lease #14-20-603-2048A - 43-037-10741 |
| 4) McElmo Creek T-09, | 790'FNL/2035'FEL, | Sec. 33 T40S-R25E, | Lease #14-20-603-2057 - 43-037-16153 |
| 5) McElmo Creek F-23, | 2230'FSL/765'FWL, | Sec. 13 T41S-R24E, | Lease #14-20-603-370 - 43-037-31031 |
| 6) McElmo Creek F-24, | 565'FSL/760'FWL, | Sec. 13 T41S-R24E, | Lease #14-20-603-370 - 43-037-15948 |
| 7) McElmo Creek F-21, | 852'FNL/925'FWL, | Sec. 13 T41S-R24E, | Lease #14-20-603-370 - 43-037-31063 |
| 8) McElmo Creek W-14, | 2065'FNL/1820'FWL, | Sec. 03 T41S-R25E, | Lease #14-20-603-2057 - 43-037-16160 |
| 9) McElmo Creek W-16, | 535'FSL/1830'FWL, | Sec. 03 T41S-R25E, | Lease #14-20-603-2057 - 43-037-16161 |
| 10) McElmo Creek V-17, | 447'FSL/1980'FEL, | Sec. 10 T41S-R25E, | Lease #14-20-603-359 - 43-037-20093 |
| 11) McElmo Creek L-27, | 1980'FSL/1980'FEL, | Sec. 19 T41S-R25E, | Lease #14-20-603-264 - 43-037-15509 |
| 12) McElmo Creek K-26, | 1980'FNL/1810'FWL, | Sec. 19 T41S-R24E, | Lease #14-20-603-264 - 43-037-10558 |
| 13) McElmo Creek N-25, | 660'FNL/660'FWL, | Sec. 20 T41S-R25E, | Lease #14-20-603-264 - 43-037-10559 |

OIL, GAS AND MINING

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

Title **Staff Administrative Assistant**

Signature *Cathy Higginbotham*

Date **1/10/01**

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved By _____ Title _____ Date _____

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.

Office _____

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make 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 jurisdiction.