

FILE NOTATIONSEntered in NID File ✓Entered On S R Sheet ✓Location Map Firmed ✓Card Indexed ✓

JWR for State or Fee Land _____

Checked by Chief *[Signature]*

Copy NID to Field Office _____

Approval Letter *[Signature]*

Disapproval Letter _____

COMPLETION DATA:Date Well Completed 4-15-67

Location Inspected _____

DW ✓ WW _____ TA _____

Bond released _____

RW _____ OS _____ PA ✓

State of Fee Land _____

LOGS FILEDDriller's Log 4-27-67Electric Logs (No.) 2E _____ I _____ E-I _____ GR _____ GR-N ✓ Micro ✓

Lit _____ MI-L _____ Sonic _____ Others _____

Talked to Bert Bullerfield (Com. Demingo) 12/12/66

and advised him NE $\frac{1}{4}$ not good and has our
verbal approval to drill. Letter of approval not
necessary due to location being on an approved tract.

PWB

**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
Continental Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1621, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface
2077' FWL, 2095' FEL
 At proposed prod. zone
SW SW NE

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

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) **2077'**

16. NO. OF ACRES IN LEASE
2560'

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. **3126'**

19. PROPOSED DEPTH
6150'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
5128' GR

22. APPROX. DATE WORK WILL START*
12-19-66

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12 1/2"	9 5/8"	36#	300'	150 sacks
7 7/8"	5 1/2"	15.5#	6150'	350 sacks

The location of this well is within the McElmo Creek Unit, but outside of the Participating Area.

We propose to drill to an approximate depth of 6150' to test the Lacey and Desert Creek formations. Approximately 300' of 9 5/8" casing will be run and cemented to surface. If commercial production is encountered, a string of 5 1/2" production casing will be run and cemented and the well completed.

This well off spacing pattern, ... NE 1/4 of sec 22 is not spaced. PWD
43-037-50170

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. Original Signed By
 SIGNED H. D. HALEY TITLE District Manager DATE 12-6-66

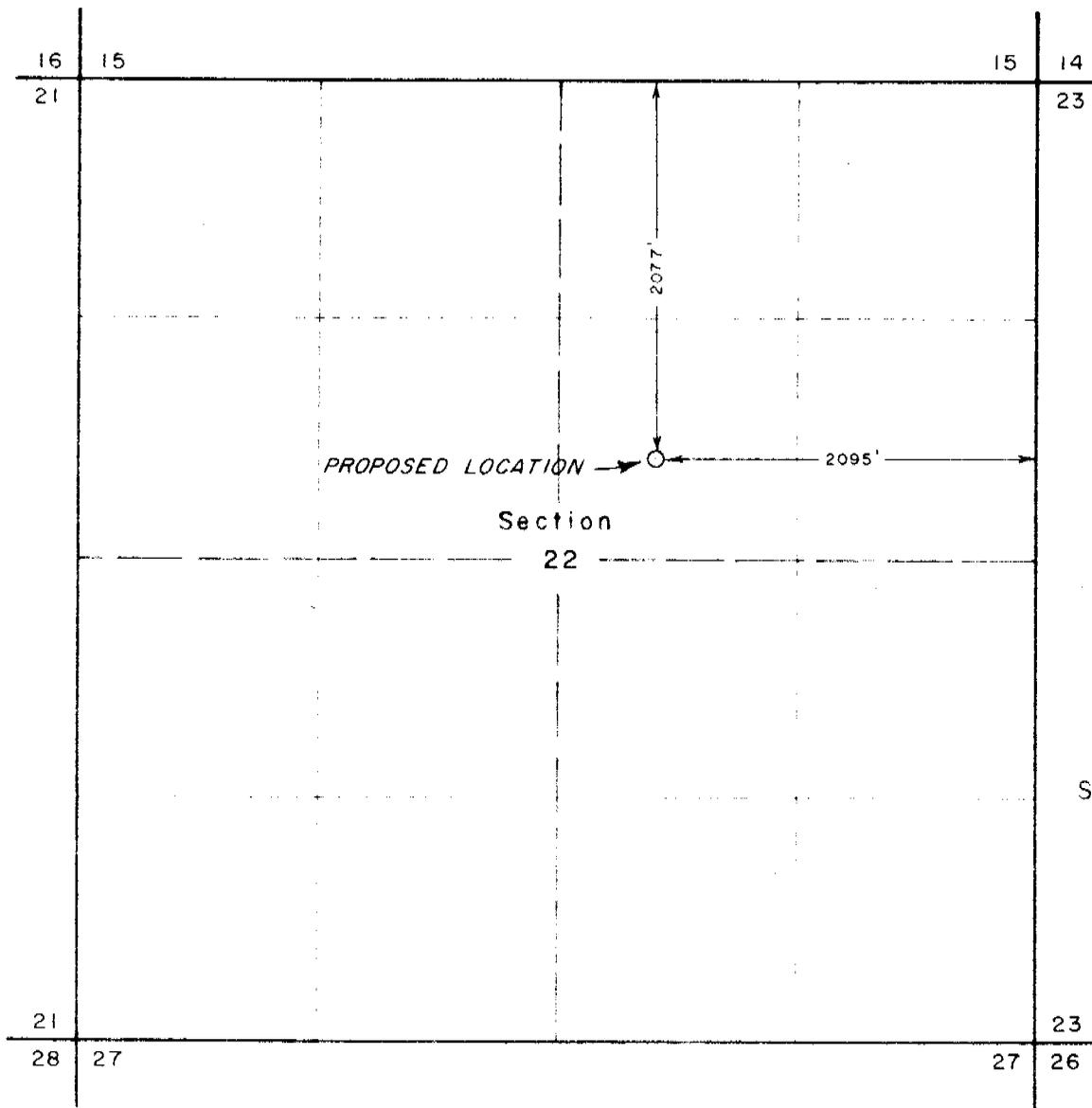
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions On Reverse Side



WELL LOCATION: Continental Oil Company - Cahone Mesa No. 14

Located 2077 feet South of the North line and 2095 feet West of the East line of Section 22,
 Township 40 South, Range 25 East, Salt Lake Base & Meridian,
 San Juan Co., Utah
 Existing ground elevation determined at 5128 feet based on adjoining well locations.

I hereby certify that the above plat represents a true and correct copy of the original and that I am a duly qualified and licensed surveyor in the State of Utah.

Frederick H. Reed

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



CONTINENTAL OIL COMPANY
 Durango, Colorado

WELL LOCATION PLAT
 Sec. 22 - T.40 S. - R.25 E.
 San Juan Co., Utah

CLARK-REED & ASSOC. Dec. 2, 1966
 FILE NO. 66121

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE*
(Other instructions on re-
verse 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 <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2048
2. NAME OF OPERATOR Continental Oil Company		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo
3. ADDRESS OF OPERATOR P. O. Box 1621, Durango, Colorado		7. UNIT AGREEMENT NAME McElmo Creek Unit
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2077' FNL, 2095' FRL		8. FARM OR LEASE NAME Cahone Mesa
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5128' GR 5139' DF	9. WELL NO. 14
		10. FIELD AND POOL, OR WILDCAT Desert Creek
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T40S, R25E-31M
		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:		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) Supplemental Well History <input checked="" 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.)*

Spudded 12/17/66. 9 5/8" casing set at 342' KB and cemented with 200 sacks. DST, 5886-5912' (Isney) open 1 hour, gas to surface immediately at 40 MCFD decreasing to 20 MCFD at end of test. Recovered 800' HCCD and 1700' HCCSW, 5% oil cut, 60" ISIP 2141#, IFF 1098#, FFP 1096#, 60" FSIP 2101#, IHP 2894#, FHP 2878#. DST, 5993-6090' open 90 minutes (Desert Creek), recovered 160' SGCM, no water, very slight blow throughout test, 70" ISIP 661#, IFF 127#, FFP 141#, 50" FSIP 197#, IHP 2984#, FHP 2948#. Ran 5 1/2", 15.5# casing to 6090' KB and cemented with 500 gals. mud sweep and 400 sacks cement. Perforated Desert Creek 6044-6048', 6054-6060', 6063-6065', 2 shots per foot. Acidized w/12,260 gals. Swabbed 3 hours. Perforations plugged. Perforated w/Bear gun, 1 shot at 6060'. Acidized with 1000 gals. Swabbed dry. Perforated Lower Isney from 5928-5930'. Treated perforations with 500 gals. of 8% acid. Swabbed load water and unspent acid. Set bridge plug at 5924'. Perforated Upper Isney 5904-5906'. Swabbed dry. Treated with 500 gals. acid. Swabbed 25 bbls. fluid per hour, 15 to 20% oil, 80 to 85% salt water, highly gas cut. Ran rods and tubing and installed pumping unit. Preparing to pump test.

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

SIGNED Original Signed By H. D. HALEY TITLE District Manager DATE 2/3/67

(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

SUBMIT IN TRI...
(Other instructions on re-
verse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

Cabone Mesa

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Desert Creek

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

Sec. 22, T40S, R25E - SLM

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621, Durango, Colorado 81301

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

2077' FNL, 2095' FEL

14. PERMIT NO.

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

5128' GR, 5139' 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
FRACTURE TREAT
SHOOT OR ACIDIZE
REPAIR WELL
(Other) **Squeeze & Recomplete**

PULL OR ALTER CASING
MULTIPLE COMPLETE
ABANDON*
CHANGE PLANS

WATER SHUT-OFF
FRACTURE TREATMENT
SHOOTING OR ACIDIZING
(Other)
REPAIRING WELL
ALTERING CASING
ABANDONMENT*

(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.)*

Well was completed 4/15/67 from Upper Ismay perforations 5899-5914' for a pumping gauge of 10 BOPD, 550 BWPD, 80 MCFD gas.

It is proposed to cement squeeze the existing Ismay perforations with 100 sacks cement, drill out cement and bridge plug, and fracture treat the Desert Creek perforations 6044-48', 6054-60', and 6063-65' with 30,000 gals. water and 30,000# sand.

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

SIGNED Original Signed by:

District Manager

DATE 4/26/67

H. D. HALEY

TITLE

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

USGS(4) UOSGAA(2) HLM RJE

5/14

FORM OGCC-8-X

FILE IN QUADRUPLICATE

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION
348 EAST SOUTH TEMPLE
SUITE 301
SALT LAKE CITY, UTAH

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Cahone Mesa No. 14
Operator Continental Oil Company Address P. O. Box 1621 Phone 247-2580
Durango, Colorado
Contractor Brinkerhoff Drlg. Co., Inc. Address 870 Denver Club Bldg. Phone _____
Denver, Colorado
Location SW 1/4 NE 1/4 Sec. 22 T. 40 N R. 25 E San Juan County, Utah.

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1. <u>No water flows detected.</u>			
2. _____			
3. _____			
4. _____			
5. _____			

(Continued on reverse side if necessary)

<u>Formation Tops:</u>			
<u>Chinle</u>	<u>1822'</u>	<u>J-1 Ismay</u>	<u>5891'</u>
<u>Organ Rock</u>	<u>3065'</u>	<u>Desert Creek</u>	<u>5989'</u>
<u>Hermosa</u>	<u>4850'</u>		
<u>Johnson Crk.</u>	<u>5788'</u>		

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).
 - (c) If a water analysis has been made of the above reported zone, please forward a copy along with this form.

UO&GCC(4) HDH

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.

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

Cahons Mesa

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Ismay

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

22-T40S-R25E-S1M

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

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

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

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621, Durango, Colorado

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 2077' FWL, 2095' FWL

At top prod. interval reported below

At total depth

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 12/17/66 16. DATE T.D. REACHED 1/3/67 17. DATE COMPL. (Ready to prod.) 4/15/67 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 5128' GR 5139' KB 19. ELEV. CASINGHEAD

20. TOTAL DEPTH, MD & TVD 6090' 21. PLUG, BACK T.D., MD & TVD 6070' 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 0-6090' ROTARY TOOLS CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* Upper Ismay 5899'-5914' 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN GRM, Microlog 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
9 5/8"	36#	342'	12 1/4"	200 sacks	None
5 1/2"	15.5#	6090'	7 7/8"	400 sacks-500 gals. mud sweep	

29. LINER RECORD					30. TUBING RECORD		
SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2 3/8"	5000'	None

31. PERFORATION RECORD (Interval, size and number)
6044'-45', 6054'-40', 6063'-45' - 2 JFF
6060' - Reax Gum
5928'-30' - 4 Crack JFF
5904'-06' - 4 Crack JFF
5899'-5904', 5906'-14' - 2 JFF

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
6044'-45'	12,260 gals. acid
6060'	1,000 gals. acid
5928'-30'	1,500 gals. acid, 1,000 gals.
5904'-06'	500 gals. HBA /wtr.

33.* PRODUCTION (Over)

DATE FIRST PRODUCTION 4/15/67		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) Pumping (Moda D-55-R, 221 stage)				WELL STATUS (Producing or shut-in) Producing	
DATE OF TEST 4/15/67	HOURS TESTED 24	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL. 10	GAS—MCF. 80	WATER—BBL. 550	GAS-OIL RATIO 8000:1
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL. 10	GAS—MCF. 80	WATER—BBL. 550	OIL GRAVITY-API (CORR.) 41.1°	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.) Used for fuel TEST WITNESSED BY Frank R. Snow

35. LIST OF ATTACHMENTS

36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records
Original Signed by: William K. Dietrich SIGNED TITLE Asst. District Manager DATE 4/26/67

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.), formations 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 38. 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.)

Item 32: (Continued)
5899'-5914' - 4,000 gals. acid, 4,000 bbls. water with 2 gals./1,000 gals. "ADOMALL" additive.

37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; COBED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CUSHION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

DESCRIPTION, CONTENTS, ETC.

38.

GEOLOGIC MARKERS

FORMATION	TOP		BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	TOP	
	5886'	5912'				MEAS. DEPTH	TRUE VERT. DEPTH
Upper Lemay				<p>LOG #1 - GAS immed., 40 MCFD decreasing to 20 MCFD at end of test. Rec. 800' BOPD @ 1700' MWD, 5% oil-cut. IHP 2894f, ISIP 2141f, IFT 1098f, FTR 1096f, FTRIP 2101f, FWP 2878f.</p>	<p>Chale Organ Rock Neruosa Johnson Creek J-1 (Lemay) Desert Creek</p>	<p>1822' 3065' 4850' 5788' 5891' 5989'</p>	
Desert Creek			6090'	<p>LOG #2 - Rec. 160' BOPD, no water, very oil blow throughout test. IHP 2944f, ISIP 661f, IFT 127f, FTR 141f, FTRIP 197f, FWP 2948f</p>			

APR

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.

14-20-403-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McKino Creek Unit

8. FARM OR LEASE NAME

Cabana Mesa

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Desert Creek

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

Sec. 22, T40N, R25E, S1M

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
Continental Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1621, Durango, Colorado

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

2077' FWL, 2095' FWL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, GR, etc.)

3125' GR 3139' GR

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

NOTICE OF INTENTION TO:

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 type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input checked="" 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.)*

Set NP at 5940' and squeezed lumpy with 100 sacks cement. Drilled out to 5940. Pressure tested casing to 4000# - OK. Pushed NP to bottom. Fractured Desert Creek 6044-48', 6054-60' and 6063-65' with 30,000 gals. water and 30,000# sand. Recovering lead water.

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

ORIGINAL SIGNED BY:

SIGNED **H. D. HALEY**

TITLE **District Manager**

DATE **3-13-67**

(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

TITLE _____

DATE _____

*See Instructions on Reverse Side

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.

14-29-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McKino Creek Unit

8. FARM OR LEASE NAME

Cabana Mesa

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Desert Creek & Inney

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

Sec. 22, T40S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Continental Oil Company

3. ADDRESS OF OPERATOR
P. O. Box 1621, Durango, Colorado

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

2077' FWL 2095' FWL

14. PERMIT NO.

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

5128' GR 5139' 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

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETE

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON*

SHOOTING OR ACIDIZING

ABANDONMENT*

REPAIR WELL

CHANGE PLANS

(Other)

(Other) **Recomplete**

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.)*

Well was completed 4-15-67 from upper Inney perforations 5899'-5914' for a pumping gauge of 10 MFPD, 550 MFPD, 80 MFPD gas.

On 5-18-67 these perforations were squeezed with 100 sacks cement and the Desert Creek formation (6044-48', 6034-6040', 6063-6065') was fraced with 30,000 gal water and 30,000' sand. We are still receiving lead water from this job.

We propose to re-perforate the upper Inney at 5907', and acidize if necessary, to re-establish oil production from this formation in order to maintain our lease. The Desert Creek and Inney will be commingled.

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

Original Signed by:

SIGNED H. D. HALEY

TITLE District Manager

DATE 5-25-67

(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**

SUBMIT IN **REPLICATE***
(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.)

<p>1. OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Continental Oil Company</p> <p>3. ADDRESS OF OPERATOR P. O. Box 1681, Durango, Colorado</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 2077' FWL 2093' FWL</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. 14-20-603-2043</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Cahona Mesa</p> <p>9. WELL NO. 14</p> <p>10. FIELD AND POOL, OR WILDCAT Desert Creek & Inmay</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 22, T40N, R23E</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 5120' GR 5130' EB</p>	<p>12. COUNTY OR PARISH San Juan</p> <p>13. STATE Utah</p>

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) Recomplete <input checked="" 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.)*

Well was completed 4-14-67 from Upper Inmay perforations 5899'-5916' for a pumping gauge of 10 MOPD, 530 BWPD, 80 MCFD gas.

On 5-18-67 these perforations were squeezed with 100 sacks cement and the Desert Creek formation (8044-8065') was fraced with 30,000 gal water and 30,000 sand. After treatment, well pumped load water, no oil.

On 5-30-67 the Inmay formation was reperforated 3906-07'. A pump test on 5-31-67 gauged 5 MOPD, 57 BWPD. ✓

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

Original Signed By: _____ TITLE **Division Manager** DATE **4-17-67**

SIGNED **H. D. HALEY**

(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**

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

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-403-2048

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.)

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

1. OIL WELL GAS WELL OTHER

8. FARM OR LEASE NAME

Cahoon Mesa

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621, Durango, Colorado

9. WELL NO.

1A

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

2677' TUL 2095' TUL

10. FIELD AND POOL, OR WILDCAT

Desert Creek & Isney

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

Sec. 22, T40N, R25E

14. PERMIT NO.

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

5120' GR 5130' RT

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)

Recomplete

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 pertinent to this work.)*

Well was completed 4-15-67 from Upper Isney perforations 5099-5114 for pumping gauge of 10 MWB, 530 MWB, 80 MWB.

On 5-15-67 these perforations were squeezed with 100 sacks cement, and the Desert Creek formation (6044-6095') was fraced with 30,000 gal. water and 30,000 sand. After treatment, well pumped load water, no oil.

On 5-30-67 the Isney formation was perforated 5906-67' with 2 jets per foot. Pump test on 5-31-67 gauged 5 MWB 57 MWB from Desert Creek and Isney perforations commingled.

We propose to perforate the Johnson Creek (upper formation) at 5001-02, 5009-10, 5015-16, 5022-23, 5030-31, 5039-40, and acidize to test this interval for oil production.

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

SIGNED _____

TITLE _____

Division Manager

DATE _____

8-17-67

(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

SUBMIT IN REPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cabona Mesa

9. WELL NO.

14

10. FIELD AND POOL, OR WILDCAT

Desert Creek & Lamy

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

Sec. 22, T40N, R25E

1.

OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

Continental Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 1621, Durango, Colorado

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

2077' FWL 2095' FWL

14. PERMIT NO.

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

5125' GR 5139' RD

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

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

PERFORATE

(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.)*

On 8-23-67 the Johnson Creek formation was perforated, acidized and tested.

A bridge plug was set at 5670' above existing Lamy perforations. The Johnson Creek was perforated 5601-02', 5606-09', 5615-16', 5622-23', 5630-31', 5639-40'. Acidized perforations with 500 gal. HDA acid. Swabbed. Acidized with 1500 gal. HDA acid. Swabbed lead water. Installed pump.

On 8-26-67 well tested 6 DD 45 NW in 24 hours, pumping.

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

SIGNED _____

TITLE _____

Division Manager

DATE _____

10-3-67

(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**

SUBMIT IN TRIPPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.
14-20-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Cahona Mesa

9. WELL NO.
14

10. FIELD AND POOL, OR WILDCAT
Desert Creek and Ismay

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 22, T40S, 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
Continental Oil Company

3. ADDRESS OF OPERATOR
200 North Wolcott, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface
2077' FNL, 2095' FVL

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
5128' GR, 5139' 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"/>	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 checked="" 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"/>	

(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.)*

In compliance with Mr. F. T. McGrath's letter dated January 3, 1968, permission is requested to plug the well as follows:

**Cover perforations 6044'-60' with a cement plug from 5975'-6075'.
Cover perforations 5801'-40' with a cement plug from 5740'-5850'.
Place 100' cement plug in and out of 5 1/2" stub. Place cement plug from 3040'-3140' to cover the DeChelly Formation and a cement plug 1300'-1400' at the base of the Navajo Formation. Screw or weld a dry hole marker on the top of the 9 5/8" surface casing so that the well can be reentered and completed as a water well for the Navajo Tribe. Clean up location.**

**APPROVED BY DIVISION OF
OIL & GAS CONSERVATION**

DATE February 2, 1968

BY Paul W. Birchell

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

SIGNED Original Signed By: J. E. WHITMAN TITLE Asst. Division Manager DATE 1/8/68

(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

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

Form approved,
Budget Bureau No. 42-RM-21.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-2048

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Cahone Mesa

9. WELL NO.

14

10. FIELD AND FOOT, OR WILDCAT

Desert Creek & Ismay

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

Sec. 22, T40S, R25E

12. COUNTY OR PARISH 13. STATE

San Juan

Utah

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR
Continental Oil Company

3. ADDRESS OF OPERATOR
200 North Wolcott Street, Casper, Wyoming 82601

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

2077' FNL, 2095' FEL

14. PERMIT NO.

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

5128' GR, 5139' KB

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(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.)*

This well was plugged and abandoned on April 17, 1968 as follows:

Drilled out bridge plug at 5870'.

Cut and pulled 5½" casing at 430'.

Set 45 sack cement plug from 6075' to 5740'.

Set 25 sack cement plug from 480' to 380'.

Hole was filled with heavy mud between plugs.

Welded Marker and cover on top of 9-5/8" surface casing so that the well can be re-entered and completed as a water well for the Navajo Tribe. ✓

Location cleaned up.

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

ORIGINAL SIGNED BY:
SIGNED J. A. UBBEN

TITLE Admin. Section Chief

DATE 5-6-68

(This space for Federal or State office use)

APPROVED BY _____

TITLE _____

DATE _____

CONDITIONS OF APPROVAL, IF ANY:

USGS - Durango (3) UO & GCC(2) WCB

*See Instructions on Reverse Side