

6-15-73 Notice of Intent To
for-Enter By Zoller & Danneberg

Well Originally Drilled By News Oil.

FILE NOTATIONS

Entered in NID File ✓
Location Map Pinned ✓
Card Indexed ✓

Checked by Chief *PMB*
Approval Letter *9-29-71*
Disapproval Letter

COMPLETION DATA:

Date Well Completed
W..... WW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
Electric Logs (No.)
E..... I..... Dual I Lat..... GR-N..... Micro.....
MIS Sonic GR..... Lat..... MI-L..... Sonic.....
GELog..... CCELog.....

NORRIS OIL CO.
P. O. BOX A-1
3658 NORTH VENTURA AVENUE
VENTURA, CALIFORNIA 93001
TELEPHONE (805) 648-5193

September 24, 1971

United States Geological Survey
Box 959
Farmington, New Mexico 87401

RE: Application for Permit to Drill
Navajo 1-34, Contract No. NOO-C-14-20-
Sec.34-T40S-R23E 2741
Navajo 1-31, Contract No. NOO-C-14-20-
Sec.31-T40S-R23E 2197
San Juan County, Utah

Gentlemen:

Enclosed are applications to drill the captioned wells,
along with Designation of Operator from Knight & Miller
Oil Corporation.

The surveyor in Farmington will forward his plat of the
surveyed location when it is prepared.

I plan to be in Farmington the latter part of next week
and will stop by your office.

Very truly yours,

NORRIS OIL CO.

E. E. Hampton

E. E. Hampton
General Superintendent

EEH:ct
Encls.

cc: Utah Division of Oil & Gas Conservation (w/enclosures)
1588 W. N. Temple
Salt Lake City, Utah 84116

~~Knight & Miller Oil Corp.~~
901 Denver Club Bldg.
Denver, Colorado 80202

DESIGNATION OF OPERATOR

Indian Affairs

The undersigned is, on the records of the Bureau of ~~Land Management~~ holder of lease

DISTRICT LAND OFFICE:

~~Serial No.~~: Navajo Contract No. N00-C-14-20-2197

and hereby designates

NAME: Norris Oil Co.
ADDRESS: P. O. Box A-1
Ventura, California 93001

as his operator and local agent, with full authority to act in his behalf in complying with the terms of the lease and regulations applicable thereto and on whom the supervisor or his representative may serve written or oral instructions in securing compliance with the Operating Regulations with respect to (describe acreage to which this designation is applicable):

Township 40 North, Range 23 East, SLM, Northern Navajo Reservation Boundary
Section 30: All of that portion lying south of the surveyed northern boundary
of the Navajo Reservation.
Section 31: All (Frac)

It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

In case of default on the part of the designated operator, the lessee will make full and prompt compliance with all regulations, lease terms, or orders of the Secretary of the Interior or his representative.

The lessee agrees promptly to notify the supervisor of any change in the designated operator.

ATTEST:

KNIGHT & MILLER OIL CORPORATION

Jack W. Knight
Secretary

John H. Miller
President (Signature of lessee)

August 5, 1971
(Date)

901 Denver Club Building
Denver, Colorado 80202
(Address)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.
Contract No. N00-C-14-
20-2197

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

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

7. UNIT AGREEMENT NAME

2. NAME OF OPERATOR
NORRIS OIL CO.

8. FARM OR LEASE NAME
Navajo

3. ADDRESS OF OPERATOR
P. O. BOX A-I, V VENTURA, CALIF. 93001

9. WELL NO.
1-31

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At surface C of NE/4 NW/4 Sec. 31-T40S, R23E

10. FIELD AND POOL, OR WILDCAT
Wildcat

At proposed prod. zone

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 31-T40S-R23E

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

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) 660'

16. NO. OF ACRES IN LEASE
875

17. NO. OF ACRES ASSIGNED TO THIS WELL
40

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

19. PROPOSED DEPTH
5800'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4668 GR

22. APPROX. DATE WORK WILL START*
Oct. 6, 1971

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>17 1/2</u>	<u>13 3/8</u>	<u>48</u>	<u>150</u>	<u>130</u>
<u>7 7/8</u>	<u>5 1/2</u>	<u>15.5</u>	<u>5800</u>	<u>300</u>

Operator intends to drill a well to sufficient depth to test the Desert Creek Formation. The following are estimated formation tops:

- Estimated Tops:
- Chinle 1612'
 - De Chelly 2642'
 - Hermosa 4588'
 - Ismay 5360'
 - Paradox 5500'
 - Desert Creek 5542'

If productive of oil or gas casing will be set and the well will be completed for production. If non-productive well will be plugged, location will be cleaned and Reg. marker set.

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 E. E. Hampton TITLE Gen. Supt. DATE Sept. 24, 1971

(This space for Federal or State office use)

PERMIT NO. 13-037-30067 APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

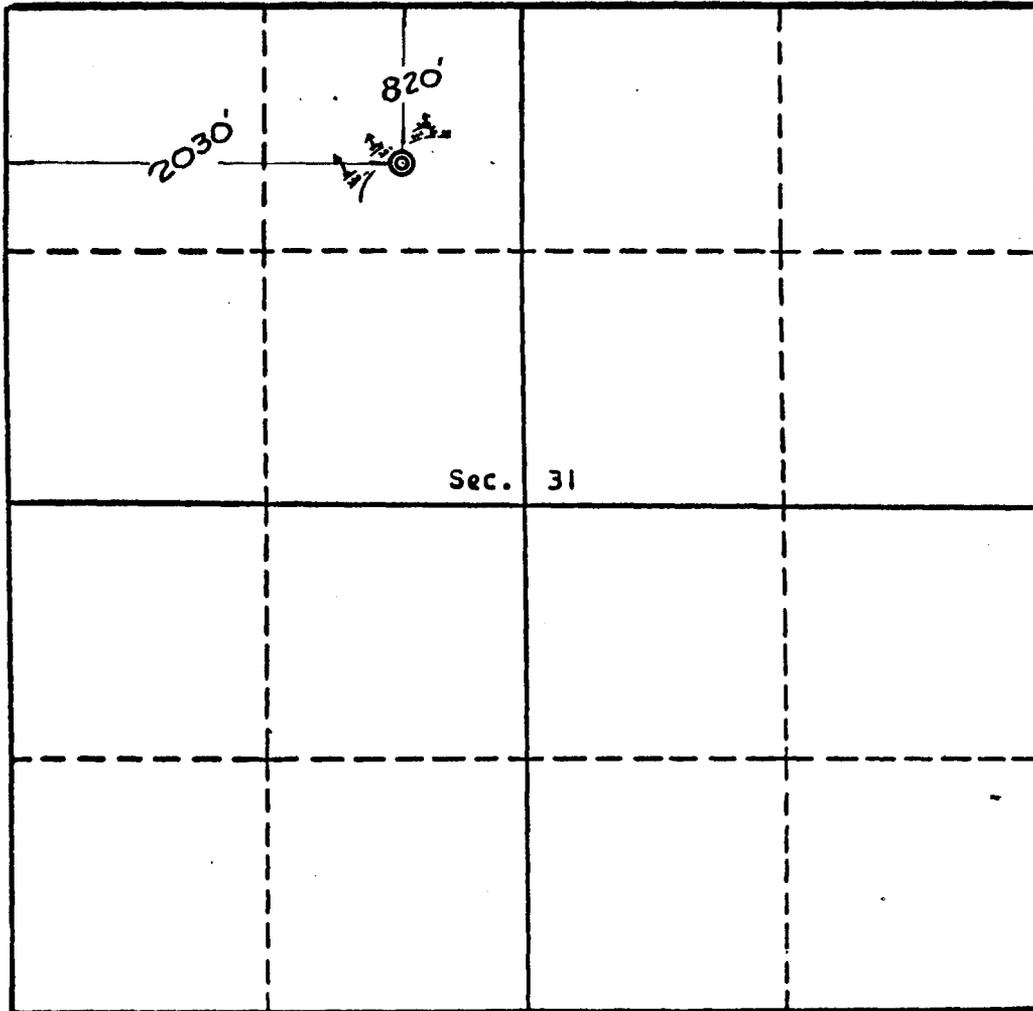
Company Norris Oil Company

Well Name & No. _____

Location 820 feet from the North line and 2030 feet from the West line.

Sec. 31, T. 40 S., R. 23 E., S. L. M., County San Juan, Utah

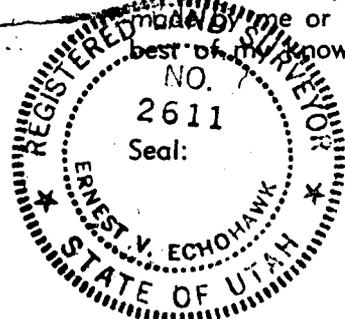
Ground Elevation 4649



Scale, 1 inch = 1,000 feet

Surveyed September 29, 1971

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.



E. V. Echohawk

Ernest V. Echohawk
Registered Land Surveyor
Utah Registration No. 2611

September 29, 1971

Norris Oil Company
Box A-1
Ventura, California 93001

Re: Well No. Navajo 1-31
Sec. 31, T. 40 S, R. 23 E,
Well No. Navajo 1-34
Sec. 34, T. 40 S, R. 23 E,
San Juan County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned wells is hereby granted. However, said approval is conditional upon the following:

1. Surveyor's plats of the proposed locations are forwarded to this Division
2. Written notification is received as to the type of blowout prevention equipment to be installed on said wells; and subsequent testing procedures

This approval terminates within 90 days if the wells have not been spudded-in within said period.

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

PAUL W. BURCHELL - Chief Petroleum Engineer
HOME: 277-2890
OFFICE: (801) 328-5771

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling.

The API numbers assigned to these wells are:

Navajo 1-31 - 43-037-30067

Navajo 1-34 - 43-037-30068

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

cc: U.S. Geological Survey
Box 959
Farmington, New Mexico 87401

October 18, 1971

Norris Oil Company
Box A-1
Ventura, California 93001

Re: Navajo #1-31
Sec. 31, T. 40 S, R. 23 E,
Navajo #1-34
Sec. 34, T. 40 S, R. 23 E,
San Juan County, Utah

Gentlemen:

Please refer to our letter of September 29, 1971, in which the approval to drill the above referred to wells was conditional upon the following:

1. Surveyor's plats of the proposed locations
2. Written notification as to the type of blowout prevention equipment and subsequent testing procedures, to be installed on the wells

As of this date, we have not received this information; consequently, it would be greatly appreciated if said data was forwarded to our office as soon as possible.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd

W POST OFFICE BOX 234
Zip Code 87401

DUGAN PRODUCTION CORP.

THOMAS A. DUGAN, President

709 BLOOMFIELD RD.
FARMINGTON, NEW MEXICO

October 20, 1971

325-0238

TELEPHONE: ~~325-0238~~ Office
325-5694 Home

Area Code 505

Mr. Cleon B. Feight
Director
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

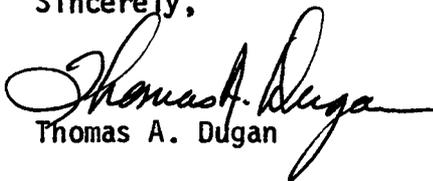
Dear Mr. Feight:

As requested in your letter of September 29, 1971, we are forwarding the surveyor's plate on the Norris Oil Company Navajo #1-31.

We plan to drill the Navajo #1-31 in Section 31, T 40 S, R 23 E using Mesa Drilling Company's rig. The blowout preventer is a 10" 900 Series Shaffer double ram hydraulic. The well will tentatively be spudded on Monday, October 25, 1971.

When the Navajo #1-31 is completed, we will move the same rig to the Navajo #1-34. We will furnish the surveyor's plate on the #1-34 at a later date.

Sincerely,


Thomas A. Dugan

sc

Enc.

STATE OF UTAH
DIVISION OF OIL & GAS CONSERVATION
DEPARTMENT OF NATURAL RESOURCES

PLUGGING PROGRAM

NAME OF COMPANY Norris Oil Company
WELL NAME Nadajo 1-31 API NO: _____
Sec. 31 Township T0S Range R3E County San Juan

Verbal Approval Given to Plug the Above Referred to Well in the Following Manner:

Total Depth: 5804' Okah

Casing Program:

13 3/8" @ 170'
200 sacks, cement
Calculated & surface

Formation Tops:

Nadajo - 640
Chule - 1494
Skinnercamp - 2263
Muskapi - 2324
Duchely - 2526
Organ Rock - 2410
Kumwa - 4507
Kumay - 5440
Desert Creek - 5671
Okah - 5768

Plugs Set as Follows:

5700 - 5804
5500 - 5400
4550 - 4400
1550 - 1400
650 - 500

(no water, oil or gas encountered)

Date: 11-23-71 (USGS - Log) Signed: Scheru

Form 9-331
(May 1963)

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.

Contract #
N00-C-14-20-2197

6. INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

1-31

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec 31- T40S - R23E- S.L.M.

12. COUNTY OR PARISH 13. STATE

San Juan

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 **Dry Hole**

2. NAME OF OPERATOR
Norris Oil Company

3. ADDRESS OF OPERATOR
P. O. Box A-1, Ventura, California 93001

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

820¹ fml, 2030¹ fwl Sec. 31, T40S, R23E, S.L.M.

14. PERMIT NO.

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

4649 GR ; 4662 RKB

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.)*

Spudded 11-1-71

Drilled 12 1/4" Hole to 182' - Reamed hole with 17 1/4" bit to 175'

Ran 5 jts., 13 3/8", ^{48"} ~~32"~~ ST&C 8Rd surface casing.

T. E. 158' set at 170' RKB, cemented with 200 sx Class "A" w/2%

Ca Cl.

An 11" hole was then drilled to 1278' where the hole was reduced to

7 7/8" and drilled to a total depth of 5804'.

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

SIGNED _____

TITLE

Consulting Engineer

DATE

11-26-71

(This space for Federal or State office use)

APPROVED BY

Original signed by T. A. Dugan

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

Form 9-331
(May 1963)

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.

Contract #
N00-C-14-20-2197

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Navajo

9. WELL NO.

1-31

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31-T40S-R23E-S.L.M.

1.

OIL WELL GAS WELL OTHER Dry Hole

2. NAME OF OPERATOR

Norris Oil Company

3. ADDRESS OF OPERATOR

P. O. Box A-1, Ventura, California 93001

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

At surface

820' fml, 2030' fwl Sec. 31, T40S, R23E, S.L.M.

14. PERMIT NO.

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

4649 GR

4662 RKB

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*

(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 hole was drilled to a total depth of 5804'.

It was found to be non-productive.

We plan to plug and abandon well in the following manner as per verbal instructions from U.S.G.S. office:

1. Spot cement plug T.D. to 5700'

2. Spot cement plug 5500 - 5400'

3. Spot cement plug 4550' to 4400'

4. Spot cement plug 1550' to 1400'

5. Spot Cement plug 650' to 500'

6. Spot 10 sx plug with abandonment marker in surface pipe

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

SIGNED Original signed by T. A. Dugan TITLE Consulting Engineer DATE 11-26-71

(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 DUPLICATE

(See other instructions on reverse side)

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

LEASE DESIGNATION AND SERIAL NO.

Contract # N00-C-14-20-2197

IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

UNIT AGREEMENT NAME

FARM OR LEASE NAME

Navajo

WELL NO.

1-31

FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 31-T40S-R23E-S.L.M.

COUNTY OR PARISH

San Juan

STATE

Utah

WELL COMPLETION OR RECOMPLETION REPORT AND LOG *

1a. TYPE OF WELL: OIL WELL [] GAS WELL [] DRY [X] Other []

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

2. NAME OF OPERATOR: Norris Oil Company

3. ADDRESS OF OPERATOR: P. O. Box A-1, Ventura, California 93001

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)* At surface 820' fml, 2030' fwl Sec. 31, T40S, R23E, S.L.M. At top prod. interval reported below Same as above At total depth Same as above

14. PERMIT NO. DATE ISSUED

15. DATE SPUNDED 11-1-71 16. DATE T.D. REACHED 11-23-71 17. DATE COMPL. (Ready to prod.) P. & A. 11-23-71 18. ELEVATIONS (DF, REB, RT, GR, ETC.)* 4649 GR 4662 RKB 19. ELEV. CASINOHEAD

20. TOTAL DEPTH, MD & TVD 5804' 21. PLUG, BACK T.D., MD & TVD 22. IF MULTIPLE COMPL., HOW MANY* 23. INTERVALS DRILLED BY 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* P. & A. 11-23-71 25. WAS DIRECTIONAL SURVEY MADE No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dual Induction Focused Log & Gamma-Ray Caliper BHC Acoustilog 27. WAS WELL CORED No

Table with 5 columns: CASING SIZE, WEIGHT, LB./FT., DEPTH SET (MD), HOLE SIZE, CEMENTING RECORD, AMOUNT PULLED. Row 1: 13 3/8", 32# 48#, 170 RKB, 17 1/4", 200 SX, ---

Table with 8 columns: SIZE, TOP (MD), BOTTOM (MD), SACKS CEMENT*, SCREEN (MD), SIZE, DEPTH SET (MD), PACKER SET (MD). Includes LINER RECORD and TUBING RECORD sections.

Table with 2 columns: 31. PERFORATION RECORD (Interval, size and number) and 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC. (DEPTH INTERVAL (MD), AMOUNT AND KIND OF MATERIAL USED)

33.* PRODUCTION: DATE FIRST PRODUCTION P & A 11-23-71, PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump), WELL STATUS (Producing or shut-in)

Table with 8 columns: DATE OF TEST, HOURS TESTED, CHOKE SIZE, PROD'N. FOR TEST PERIOD, OIL—BBL., GAS—MCF., WATER—BBL., GAS-OIL RATIO. Includes FLOW, TUBING PRESS., CASING PRESSURE, CALCULATED 24-HOUR RATE, OIL—BBL., GAS—MCF., WATER—BBL., OIL GRAVITY-API (CORR.)

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

35. LIST OF ATTACHMENTS

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

SIGNED Original signed by T. A. Dugañ TITLE Consulting Engineer DATE 11-26-71

*(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 53, 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 RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.

38. GEOLOGIC MARKERS

NAME	MEAS. DEPTH	TOP	TRUE VERT. DEPTH
<u>Log Tops</u>			
Navajo SS	640'		
Kayenta	978'		
Wingate	1108'		
Chinle	1495'		
Shinarump	2262'		
Moen Kopi	2310'		
De Chelly	2527'		
Organ Rock	2599'		
Hermosa	4515'		
Ismay	5440'		
1st Paradox Sh.	5602'		
Desert Creek	5640'		
2nd Paradox Sh.	5742'		
Akah	5767'		

NOV 29 1971

FORM OGC-8-X

FILE IN QUADRUPPLICATE

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS CONSERVATION
1588 West North Temple
Salt Lake City, Utah 84116

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name & Number Navajo 1-31
Operator NORRIS OIL CO. Address P. O. Box A-I
Ventura, Ca. 93001 Phone (805) 648-5193
Contractor Mesa Drilling Co. Address P.O. Box 187
Woodland Park, Phone _____
Location NE 1/4 NW 1/4 Sec. 31 T. 40 R. 23 Colo.
E San Juan County, Utah
W

Water Sands:

<u>Depth</u>		<u>Volume</u>	<u>Quality</u>
From	To	Flow Rate or Head	Fresh or Salty
1.	NONE		
2.			
3.			
4.			
5.			

(Continue on reverse side if necessary)

Formation Tops:

Chinle	1495'	Hermosa	4500'
DeChelly	2535'	Ismay	5410'
Organ Rock	2625'	Desert Creek	5610'
		Salt	5803'

Remarks:

- NOTE:
- (a) Upon diminishing supply forms, please inform this office.
 - (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.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPlicate*
(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 <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER DRY HOLE		5. LEASE DESIGNATION AND SERIAL NO. NOO-C-14-20-2197																								
2. NAME OF OPERATOR NORRIS OIL CO.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo																								
3. ADDRESS OF OPERATOR P. O. BOX A-I, VENTURA, CA. 93001		7. UNIT AGREEMENT NAME																								
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 820' fnl 2030' fw1		8. FARM OR LEASE NAME Navajo																								
14. PERMIT NO.		9. WELL NO. 1-31																								
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4649' GR 4662' RKB		10. FIELD AND POOL, OR WILDCAT Wildcat																								
16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 31-T40S-R23 E S.L.M.																								
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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.)*		13. STATE Utah																								

The following work was performed on 11-24-71.

1. Placed cement plug T.D. to 5700'.
2. Placed cement plug 5500-5400'.
3. Placed cement plug 4550-4400'.
4. Placed cement plug 1550-1400'.
5. Placed cement plug 650-500'
6. Placed 10 sks at surface and installed Dry Hole Marker.
Cleaned location and backfilled reserve pit.

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

SIGNED E. E. Hampton TITLE General Superintendent DATE 1/15/73

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Norris Oil

Norris Oil Co. | 3658 North Ventura Avenue, Ventura, California 93001 • (805) 648-5193 • Mailing Address P.O. Box A-1

January 15, 1973

Mr. P. T. McGrath, Dist. Engineer
U. S. Geological Survey
P. O. Box 959
Farmington, New Mexico 87401

RE: Norris Oil Co. Navajo 1-31 and
Navajo 1-34 wells
San Juan County, Utah

Dear Mr. McGrath:

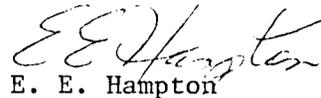
In answer to your letter of January 9, 1973, enclosed are four copies each of Form 9-331, Subsequent Report of Abandonment for the captioned wells.

I talked with Perry McDonald in Cortez, Colorado, and the locations were cleaned and abandoned properly as of May 1972. They should be ready for your final inspection.

I am sorry that we failed to notify you last summer. If I can be of any further assistance, please do not hesitate to write.

Very truly yours,

NORRIS OIL CO.



E. E. Hampton
General Superintendent

EEH:ct
Encls.

cc: (2) Utah Division of Oil & Gas Conservation
(1) Knight & Miller Oil Corp.

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Navajo 31-3

6. If Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name

9. Well No.

10. Field and Pool, or Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 31 T40S R23E

12. County or Parrish 13. State
San Juan Utah

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 Re-Entry Single Zone Multiple Zone

2. Name of Operator

Zoller and Danneberg Inc.

3. Address of Operator

1600 Broadway, Denver, Colo. 80202

4. Location of Well (Report location clearly and in accordance with any State requirements.*)

At surface

820' FNL & 2030' FWL

At proposed prod. zone

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. line, if any)

16. No. of acres in lease

17. No. of acres assigned to this well

18. Distance from proposed location* to nearest well, drilling, completed, or applied for, on this lease, ft.

19. Proposed depth

20. Rotary or cable tools

3804

Rotary

21. Elevations (Show whether DF, RT, GR, etc.)

GL 4649 Kb 4662

22. Approx. date work will start*

July 1, 1973

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
17 1/4	13 3/8		153	Circ to surface
7 7/8	5 1/2	15.5	5804	200 sx

Surface was set Oct. '71. Will rig up rotary tools with adequate POP equipment and wash down original hole with chem-gel mud. Will not run any new logs in open hole as Morris Oil ran Dual Ind and Sonic Nov. 71. Will run 5 1/2 casing cement with 200 sx. run correlation logs, perforate 5668-74, 5712-17 with 2 SPF. Run 500 gal Mud cleanout acid, swab back, run up to 10,000 gal 28% HCL acid, swab back and put on production test.

APPROVED BY DIVISION OF OIL & GAS CONSERVATION

DATE 6-15-73
BY C.B. Fugate

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 Original signed by Thomas F. Popp Title Engineer Date 6/5/73

(This space for Federal or State office use)

Permit No. Approval Date

Approved by Title Date

Conditions of approval, if any:

Dub

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL & GAS

5. Lease Designation and Serial No.

Navajo 31-3

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. Type of Work

DRILL

DEEPEEN

PLUG BACK

b. Type of Well

Oil Well

Gas Well

Other

Re-Entry

Single Zone

Multiple Zone

2. Name of Operator

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At surface

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At proposed prod. zone

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8. Farm or Lease Name

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10. Field and Pool, or Wildcat

11. Sec., T., R., M., or Blk. and Survey or Area

Sec 31 T40S R23E

14. Distance in miles and direction from nearest town or post office*

12. County or Parrish 13. State

San Juan

Utah

15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any)

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GL 4649 KB 4662

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24.

Signed Thomas F. Popp Original signed by Thomas F. Popp Title Engineer

Date 6/5/73

(This space for Federal or State office use)

Permit No. Approval Date

Approved by..... Title..... Date.....

Conditions of approval, if any:

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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"/> 2. NAME OF OPERATOR Zoller & Danneberg, Inc. 3. ADDRESS OF OPERATOR 1600 Broadway, Denver 80202 4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 870 FNL & 2030' FNL 31-T40S-R23E		5. LEASE DESIGNATION AND SERIAL NO. N00 C-14-20-2197 6. IF INDIAN, ALLOTTEE OR TRIBE NAME Navajo 7. UNIT AGREEMENT NAME 8. FARM OR LEASE NAME Navajo 9. WELL NO. 1-31 10. FIELD AND POOL, OR WILDCAT Wildcat 11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 31-T40S-R23E SLM 12. COUNTY OR PARISH 13. STATE San Juan Utah
14. PERMIT NO.	15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4649 GR 4662 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 type="checkbox"/>	SHOOTING OR ACIDIZING <input checked="" 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.)*

Moved in 7/15/73 cleaned out to 5800 KB Raq 173 Jts 5-1/2 csg.
Cemented with 250 sx cement.

Perforated 5547-51 KB & 5559-71 KB w/1 SPF

Acidized with 2000 gal HCL

Testing

18. I hereby certify that the foregoing is true and correct
 SIGNED Thomas F. Popp TITLE Engineer DATE 8/17/73

(This space for Federal or State office use)

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

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

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14. PERMIT NO.		9. WELL NO. 1-31
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4649 GR 4662 KB		10. FIELD AND POOL, OR WILDCAT Wildcat
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA 31-T40S-R23E SLM
		12. COUNTY OR PARISH San Juan
		13. STATE Utah

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Moved in 7/15/73 cleaned out to 5800 KB Ran 173 Jts 5-1/2 csg.
Cemented with 250 sx cement.

Perforated 5547-51 KB & 5559-71 KB w/1 SPF

Acidized with 2000 gal HCL

Testing

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

SIGNED Thomas F. Pope *Thomas F. Pope* Engineer DATE 8/17/73

(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 TR
(Other Instruct.
verse side)

JUN 26 1974
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 Reentry

2. NAME OF OPERATOR
Zoller & Danneberg Inc

3. ADDRESS OF OPERATOR
1600 Broadway Denver Colo 80202

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
320' ENL & 2030' FEL

14. PERMIT NO. 15. ELEVATIONS (Show whether DF, RT, OR, etc.)
444 GL 4662 KB

6. LEASE DESIGNATION AND SERIAL NO.
800-C-14-20-21-7

8. IF INDIAN, ALLOTTEE OR TRIBE NAME
Navajo

7. UNIT AGREEMENT NAME
XXXXXXXXXX

8. FARM OR LEASE NAME
Navajo

9. WELL NO.
1-31

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
37-7-S-13E

12. COUNTY OR PARISH 13. STATE
San Juan Utah

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 checked="" type="checkbox"/>	ABANDONMENT* <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 depth of completion and true vertical depth pertinent to this work.)*

RECEIVED

Oct - Nov 1973

MAY 10 1984

Well was perforated and tested in Ismay

5547-51, 5559-71 KB Acidize w/2000 gal HCL

DIVISION OF OIL
GAS & MINING

Swab tested, ran bottom hole tests, indicate depletion.

Had requests & permission to P & A. Delay due to weather an rig availability.

P & A as follows: (re phone USGS Farmington 3/22/74)

- Back off 5-1/2 csg @ 3324 KB
- Plugs: 50 sx 5500 to 5700
- 50 sx 3200 to 3400
- 50 sx 2400 to 2600
- 50 sx 500 to 700
- 50 sx surface with marker

RECEIVED
APR 11 1974
U. S. GEOLOGICAL SURVEY
FARMINGTON, N. M.

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

SIGNED Thomas F. Papp

TITLE Consulting Engr.

DATE 4/8/74

(This space for Federal or State office use)

APPROVED

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

1974

[Handwritten signature]

July 25, 1974

Zoller and Danneberg Inc
1600 Broadway
Denver, Colorado 80202

Re: Well No. Navajo 31-1
Sec. 31, T. 40 S, R. 23 E,
San Juan County, Utah

Gentlemen:

This letter is to advise you that the "Well Completion or Recompletion Report and Log" pertaining to the re-entry of the above referred to well is due and has not as yet been filed with this office.

Please complete the enclosed form OGC-3, and forward it to this office at your earliest convenience in order that we may keep our files accurate and complete.

Thank you for your prompt attention to the above.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE WILCOX
EXECUTIVE SECRETARY

/sw

November 18, 1974

Zoller and Danneberg
1600 Broadway
Denver, Colorado 80202

Re: Well No. Navajo #31-1
Sec. 31, T. 40 S, R. 23 E,
San Juan County, Utah
SECOND~~Y~~ REQUEST

Gentlemen:

This letter is to advise you that the "Well Completion or Recompletion Report and Log" pertaining to the re-entry of the above referred to well is due and has not been filed with this office.

Please complete the enclosed form OGC-3, and forward it to this office at your earliest convenience in order that we may keep our files accurate and complete.

If, however, said reports have not been filed with this Division by December 1, 1974, this matter will be turned over to the Attorney General's office for the necessary legal action.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sw