

- Scout Report sent out
- Noted in the NID File
- Location map pinned
- Approval or Disapproval Letter
- Date Completed, P. & A. or operations suspended P. & A 5-16-58
- Pin changed on location map
- Affidavit and Record of A & P
- Water Shut-Off Test
- Gas-Oil Ratio Test
- Well Log Filed

FILE NOTATIONS

- Entered in NID File
- Entered On SR Sheet
- Location Map Pinned
- Card Indexed
- IWR or State or Fee Land

- Checked by Chief
- Copy NID to Field Office
- Approval Letter
- Disapproval Letter

COMPLETION DATA:

Date Well Completed 5-16-58
 CW _____ WW _____ TA _____
 GN _____ OS _____ PA _____

Location Inspected _____
 Bond released _____
 State of Fee Land _____

LOGS FILED

Driller's Log 7-28-58
 Electric Logs (No.) 6
 E _____ I _____ E-I (2) GR _____
 Lat. _____ Mi-L (2) Sonic (2) Others _____
Temperature
Radiation (2)

(SUBMIT IN TRIPLICATE)

Indian Agency _____

Navajo _____

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 11-20-603-263

	17	
		0

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF		SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL		SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE		SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING		SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 13, 1958, 19__

Navajo Tract 114

Well No. 19 is located 660 ft. from [S] line and 785 ft. from [E] line of sec. 17

SE SE Section 17 41S 25E SLM
(4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McElmo Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. 4468.3' Ungraded ground

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rotary drilling equipment will be used to drill to approximately 5500' to test the potentially productive Hermosa and Paradox formations. Surface Casing: Approximately 1400' of 10-3/4" OD 32.75# smls casing cemented to the surface. Oil string: Required amount of 7" OD 20 & 23 # smls casing cemented with required amount of cement. Mud program: Conventional and/or gyp or salt base mud as required. Drill stem tests: All oil and gas shows will be tested. Logs: Electric logs etc will be run before setting casing or abandonment. Stimulation treatments such as acidizing or hydraulic fracturing may be employed in completion.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company
Production Department
Address Box 3082
Durango, Colorado

COPY (ORIGINAL SIGNED) B. M. BRADLEY
By B M Bradley
Title District Superintendent

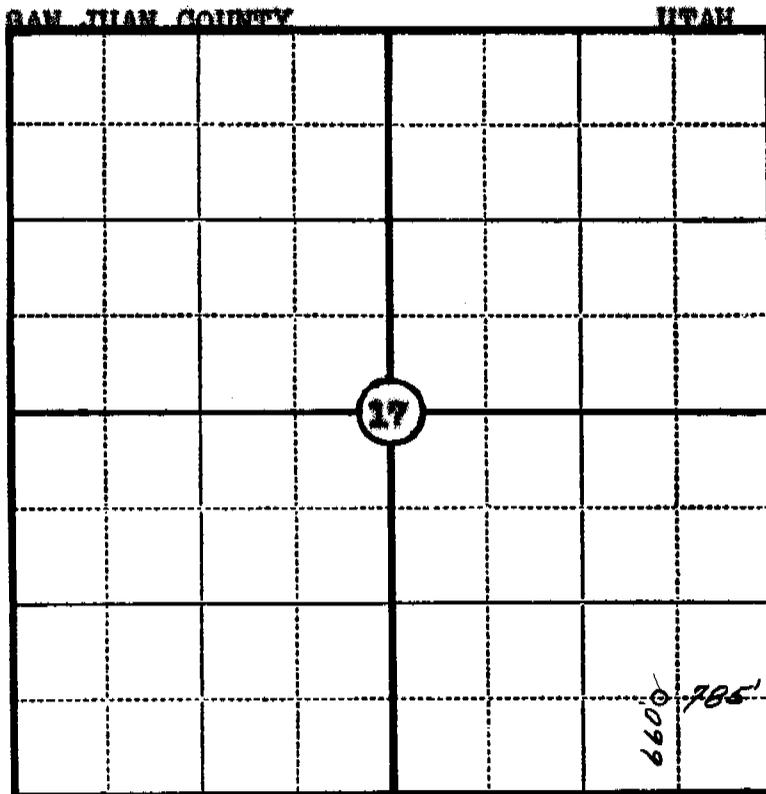
Company THE CARTER OIL COMPANY

Lease NAVAJO TRACT 114 Well No. _____

Sec. 17, T. 41 S., R. 25 E., S.L.M.

Location 660 FEET FROM THE SOUTH LINE AND 785 FEET FROM THE EAST LINE

Elevation 4439.3' ungraded ground
TBM ground by 1x2 stake 135' East of Loc. 4471.6'



Scale—4 inches equal 1 mile.

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.

James F. Leese

Seal:

Registered Land Surveyor.
James F. Leese
Utah Reg. No. 1472

Surveyed 7 March, 1958

LEASE PLAT & PIPE LINE DATA

DIV. NO. _____ BLOCK NAME _____ LEASE NO. _____

LESSOR _____

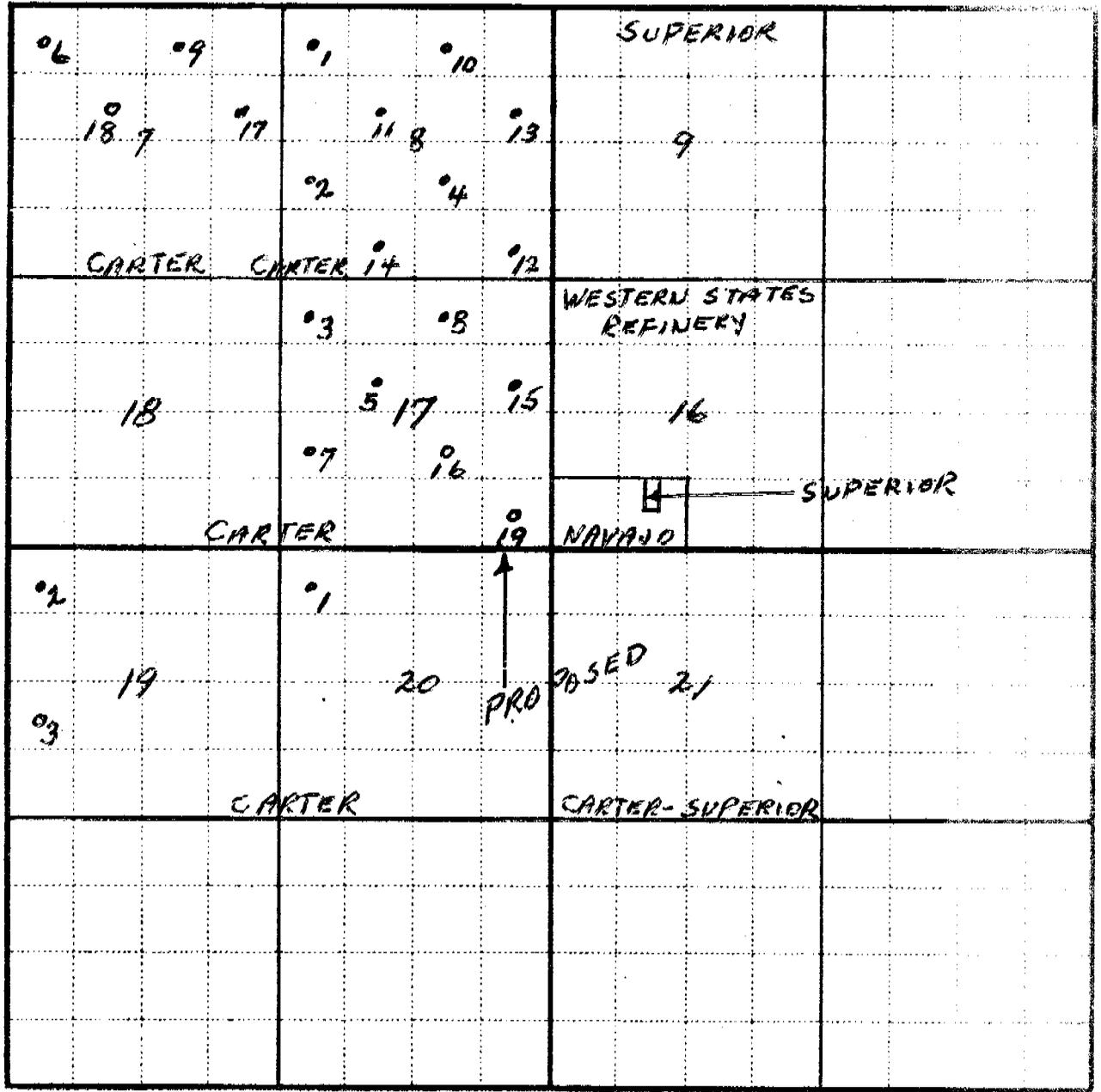
TOTAL ACCUMULATED INTEREST _____

STATE UTAH COUNTY SAN JUAN SEC 17 T. 41S R. 25E ACRES _____

DESCRIPTION AND INTEREST _____

PROPOSED LOCATION
WELL #19

IF USED FOR PIPE LINE DIAGRAM PLEASE SUPPLY THE FOLLOWING INFORMATION
Total Length and Size of Pipe Laid _____ Pipe Transferred From _____
Total Length and Size of Pipe Taken Up _____ Pipe Transferred to _____
Depth Buried _____ Pinned _____ Screw Welded or Coupled _____ Last Fittings (on back of this sheet if necessary)
Date _____ District _____ Farm or Plant _____
Signed _____
(Mail to Engineering Department - Tulsa)



When used as 1/4" Section Scale, 1" = 400'
When used as Section Scale, 1" = 800'
When used as 4 Sections Scale, 1" = 1600'
Place check mark after scale used.

Plat made by _____ Date _____
1/2" Base Map _____ Date _____
Plat Book (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map (Pend.) _____ Date _____ (Comp.) _____ Date _____
Block Map Tr. (Pend.) _____ Date _____ (Comp.) _____ Date _____

March 17, 1958

The Carter Oil Company
P. O. Box 3082
Durango, Colorado

Attention: B. M. Bradley, District Superintendent

Gentlemen:

This is to acknowledge receipt of your notice of intention to drill Well No. Navajo Tract 114-19, which is to be located 660 feet from the south line and 785 feet from the east line of Section 17, Township 41 South, Range 25 East, S1EM, San Juan County, Utah.

Please be advised that insofar as this office is concerned, approval to drill said well is hereby granted.

This approval terminates within 90 days if the above mentioned well is not spudded in within said period.

Yours very truly,

OIL & GAS CONSERVATION COMMISSION

OLEON B. FEIGHT
SECRETARY

GRF:en

cc: Phil McGrath
USGS, Farmington,
New Mexico

PLUGS AND ADAPTERS

Heaving plug—Material Length Depth set
 Adapters—Material Size

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out

TOOLS USED

Rotary tools were used from Surface feet to 5495 feet, and from - feet to - feet
 Cable tools were used from None feet to - feet, and from - feet to - feet

DATES

July 18, 1958, 19..... Put to producing D & A 5-16-58, 19.....

The production for the first 24 hours was - barrels of fluid of which -% was oil; -% emulsion; -% water; and -% sediment. Gravity, °Bé. -

If gas well, cu. ft. per 24 hours - Gallons gasoline per 1,000 cu. ft. of gas -

Rock pressure, lbs. per sq. in. -

EMPLOYEES

....., Driller Driller
 Driller Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
			<u>ELECTRIC LOG TOPS</u>
0	465	465	SAN RAFAEL GROUP: Interbedded red sandstones and red shales.
465	1230	765	GLEN CANYON GROUP: Red sandstones.
1230	2276	1046	CHINLE: Interbedded sandstones & silty shales becoming very calcareous near the base with much limestone.
2276	4266	1990	CUTLER: Predominantly red shale with thin streaks sandstone, much anhydrite in lower portion.
4266	5134	868	HERMOSA: Upper 2/3 interbedded gray & brown shales and dense limestone. Lower 1/3 dense light gray limestone locally cherty.
5134	5300	166	"A-2": Limestone, gray, dense, locally cherty, locally fossiliferous.
5300	5430	130	PARADOX: Limestone and dolomite interbedded with traces anhydrite and black shale.
5430	5495	65	"C-1": Interbedded black shales, dolomite and anhydrite.

[OVER]

At the end of complete Driller's log, add Geologic Tops. State whether from Electric Logs or samples.

W

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Spudded well 3-18-58. Drilled and reamed 20" hole to 125'. - Set 3 jts 125' of 16" OD Spiral Weld casing @ 122' w/ 135 sx cement. Drilled and reamed 15" hole to 1250'. - Set 38 jts, 1217' of 10-3/4" OD, 32.75#, H-40 casing @ 1220' w/ 1175 sx cement. Drilled 9" hole to TD of 5495'. Set 169 jts, 5513' of 7" OD, 20# & 23# J-55 casing @ 5468' w/ 320 sx cement.

NO CORES CUT.

DST #1 2333-2502'. Tool open 1 hr. Opened with good blow, no gas, flowed very slightly salty water in 55 minutes, 1" stream. IHP 1250#, 1 hr ISIP 1250#, LFP 320#, FFP 1050#, 1 hr FSIP 1250#, FHP 1250#.

DST #2: 5254-5331'. Tool open 2 hrs, weak blow thruout test. Recovered 160' slightly oil & gas cut mud, 270' salt watercut mud and 1210' salt water. IHP 2930#, 1 hr ISIP 2200#, IFP 35#, FFP 740#, 2 hr FSIP 2170#, FHP 2930#.

COMPLETION ATTEMPT: PBTD 5435'. Perforated 5336-5435' & 5390-5420' w/ 4 shots per ft. Ran tubing w/ packer @ 5307 & tail pipe at 5400'. Washed perforations w/ 300 gals MCA and reversed out. Treated w/ 3000 gals regular 15% acid, max press 4400#, min press 3900#, shut in press 4000#. Average injection rate 1.4 bbls per minute. Swabbed load oil and acid water. Swab tested 3 hrs after recovering load and acid and recovered approximately 30 bbls salt water per hr with scum of oil, with fluid level standing at 2000'. Pulled tubing and packer, re-ran and set packer @ 5370' to test perforations 5390-5420'. Swabbed dry in 5 hrs. No oil or water from this interval. Set bridge plug at 5359'. Ran Baker cement retainer set @ 5316'. Swabbed tubing 2 hrs with fluid level at 2000', testing perforations 5336-5350'. Recovered 29 1/2 bbls salt water per hr. Squeeze Job #1 thru perfs. 5336-50'. Mixed 150 sacks regular cement. Cement hit perforations w/ 3000#, squeezed w/ max 5000# pressure with 125 sacks, reversed out 25 sacks, standing press 4000#. Let set 36 hrs. Drilled out cement retainer & cement to 5355'. Swabbed casing to 5300', bailed out fluid to 5355'. Casing dry from perforations 5336-5350' after squeeze #1. Drilled and drove bridge plug from 5359' to 5435'. Ran casing scraper to 5435'. Ran tubing w/ packer and tail pipe. Loaded hole w/ oil. spotted regular 15% acid and set packer at 5362', tail pipe at 5423'. Treated perfs 5390-5420' w/ 2000 gals regular 15% acid. Max press 4500#, min press 4400#, average injection rate .92 bbls/min, displaced with 33 bbls crude, standing press in 10 min 4400#. Swabbed back load oil and 17 1/2 bbls acid water in 36 hrs, Pulled tubing and packer.

Set CI Bridge Plug @ 5300'. Perforated 5256-5264' w/ 4 shots per ft. Ran tubing w/ packer at 5242', tail pipe @ 5274'. Washed perforations w/ 200 gallons MCA, let set 30 minutes and reversed out. Treated with 4400 gallons regular 15% acid, flushed with 30 bbls crude. Max press 4000#, min press 3200#, average injection rate 1.4 bbls per minute, shut in press 3300#, standing press in 5 minutes 2750#. (Last 1000 gallons acid pressure broke from 4000# to 3200#). Swabbed back load oil and acid water. Swabbed 14 hrs test, with fluid at 2500'. Last 4 hrs of test recovered 54 bbls salt water and 4 bbls oil, show of gas. Pulled tubing and packer, ran cement retainer, set at 5245'. Ran 100 sacks Diesel Oil cement squeeze, thru perfs 5256-64', pumped into formation w/ 1800#. 50 sacks into formation w/ 3200#. Max & standing pressure 4800#. Reversed out 50 sx cement. WOC 36 hrs, drilled out retainer @ 5245', drilled cement to 5300'. Swabbed casing down to 1200' above perforations, recovered 15 bbls new oil. Good gas blow. Swabbed total of 24 hrs & recovered a total of 52 bbls oil. Last 6 hrs of test recovered 34 gallons fluid, 10% water, 2% paraffin, very light show of gas. Perforated 5256-5264' w/ 2 shots per ft. Swabbed casing 24 hrs, recovered 11.6 bbls oil, grindout .8 of 1% water. Treated with 250 gallons M.C.A. down casing.

(SEE ABOVE)

FORMATION RECORD—Continued

FROM—	TO—	TOTAL FEET	FORMATION
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HISTORY OF WELL (Continued from below)

Followed MCA with 207 bbls oil to spot MCA on perforations, shut down pump. Formation took M.C.A. and oil on vacuum to overdisplace acid with 7 bbls oil. Total of 220 bbl load oil used. Ran casing swab, found fluid level 200' from surface. Swabbed casing 18 hrs. Recovered 209 bbls load oil. Last 6 hrs recovered $\frac{1}{2}$ bbl per hr. Ran tubing w/ packer @ 5220' and tail pipe at 5259'. Acidized in 2 stages. 1st stage 500 gallons 15% acid, started in formation @ 900#, built up to 3000#. Injection rate 1.6 bbls per min. Followed w/ oil, released packer, spotted 15% acid on formation for 2nd stage of 1000 gals 15% acid. Started in formation at 900#, steady build up to 3000#. Injection rate 1.4 bbls per min. Shut in press 2600#, 5 minutes 1600#, 10 minutes 1100#. Used 33 bbls flush oil. Swabbed tubing to recover load oil and acid water. Swabbed on test for 9 hrs. Last 4 hrs recovered 80 bbls salt water. Pulled tubing and packer. Set CI cement retainer at 5243' with tubing. Mixed 100 sacks D.O.C. slurry, pumped 5 bbls diesel oil and 30 bbls crude into formation ahead of slurry with 1700# pressure. Squeezed with 90 sacks cement, cement hit formation w/ 2500#, max press 3600#, standing press 3600#. W.O.C. 36 hrs. Drilled out cement retainer @ 5243'. Ran sand pump, found show of cement slurry. No show of gas or water. Hard cement found @ 5264'. Drilled out cement @ 5283'. Ran sand pump, found fill up @ 5263'. Recovery of dry cement slurry 20'. Bailed out to 5277', swabbed casing from 5214', casing dry. Ran bailer and bailed hole dry to 5277'. No recovery of oil or water. Re-perforated 5256-5264', then swabbed 4 hrs, no recovery. Treated w/ 250 gallons 10% M.C.A., washed across perforations with bailer for 4 hrs. Swabbed casing from 5242' for 4 hrs, no recovery. Ran Bailer, no recovery. Ran tubing with packer @ 5189', tail pipe @ 5260'. Circulated hole with crude oil, treated with 500 gallons Western P.P.A. acid, max press 2500#, min press 2200#, injection rate .6 bbls per minute. Displaced w/ 30 bbls crude, standing pressure 2200#, let set for 2 hrs. Well flowed back 12 bbls load oil, swabbed 2 hrs, recovered 19 bbls load oil and 12 bbls acid water. Swabbed 21 hrs at rate of 15 bbls salt water and show of oil per hr. After 1 hr shut down, fluid level stood at 2000' from surface. Pulled tubing and packer, displaced hole with mud, removed Xmas Tree. Installed swage and Valve. Casing left in hole. Well Abandoned 5-16-58.

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____
Lease No. 14-90-603-863

	17	
		X

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....		SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF REDRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	X
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 17, 1959

Navajo Tract 114
Well No. 19 is located 660 ft. from SW line and 705 ft. from E line of sec. 17
SE SE Section 17 41S 2SE BLM
(¼ Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McKee Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4478 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Drilled to TD 5195', completed as dry hole May 16, 1958. This well is temporary abandoned with casing left in hole for possible use as salt water disposal well.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) H. L. FARRIS

Title Dist. Foreman

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

	17	
		X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-20-603-263

711#
575

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL _____	SUBSEQUENT REPORT OF WATER SHUT-OFF _____	
NOTICE OF INTENTION TO CHANGE PLANS _____	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING _____	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF _____	SUBSEQUENT REPORT OF ALTERING CASING _____	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL _____	SUBSEQUENT REPORT OF REDRILLING OR REPAIR _____	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE _____	SUBSEQUENT REPORT OF ABANDONMENT _____	
NOTICE OF INTENTION TO PULL OR ALTER CASING _____	SUPPLEMENTARY WELL HISTORY _____	
NOTICE OF INTENTION TO ABANDON WELL _____	<u>Casing Report</u>	X

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 17, 19 59

Navajo Tract 114
Well No. 19 is located 660 ft. from S line and 705 ft. from E line of sec. 17
SE SE Section 17 41S 25E S1M
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
McKinn Creek San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4470 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Set 16" casing @ 122', cemented with 135 sz. cement.

Set 10-3/4" casing @ 1220', cemented with 1175 sz. cement.

Set 7" casing @ 5168, cemented with 320 sz. cement.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) H. L. FARRIS

Title Dist. Foreman

(SUBMIT IN TRIPLICATE)

Indian Agency Navajo

	17	
		X

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Allottee _____

Lease No. 14-80-603-263

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL	SUBSEQUENT REPORT OF WATER SHUT-OFF	
NOTICE OF INTENTION TO CHANGE PLANS	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING	X
NOTICE OF INTENTION TO TEST WATER SHUT-OFF	SUBSEQUENT REPORT OF ALTERING CASING	
NOTICE OF INTENTION TO REDRILL OR REPAIR WELL	SUBSEQUENT REPORT OF REDRILLING OR REPAIR	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE	SUBSEQUENT REPORT OF ABANDONMENT	
NOTICE OF INTENTION TO PULL OR ALTER CASING	SUPPLEMENTARY WELL HISTORY	
NOTICE OF INTENTION TO ABANDON WELL		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

April 17, 1952

Navajo Tract 114

Well No. 19 is located 660 ft. from S line and 785 ft. from E line of sec. 17

SE SE Section 17

418

25E

13M

(1/4 Sec. and Sec. No.)

(Twp.)

(Range)

(Meridian)

McLine Creek

San Juan

Utah

(Field)

(County or Subdivision)

(State or Territory)

The elevation of the derrick floor above sea level is 4478 ft.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Perf. 5336-50' & 5390-520' w/4 shots/ft., washed perf. w/300 gal. MGA. Treated w/3000 gal. Reg. 15% acid, swabbed, no show of gas. Set bridge plug @ 5359', squeeze perf. 5336-50' w/125 ex. reg. cement. Drill out plug @ 5359', drove to 5435'. Treated perf. 5390-520' w/2000 gal. reg. 15% acid. Swab 3 to 4 gal. fluid per hour, 2 to 4% emulsion, 60 to 70% acid water. Set bridge plug @ 5300', perf. 5256-64', washed perf. w/200 gal. MGA, reversed out, acidized w/400 gal. reg. 15% acid. Swab 1 1/2 hours, rec. 186 b.s.w. & 16 b.o. Squeeze perf. 5256-64' w/50 ex. diesel oil cement. Re-perf. 5256-5264' w/2 shots/ft., swab 16 hrs., rec. 8 b.o. Treated perf. w/250 gal. 10% MGA, swab, rec. 206 bbls. load oil. Acidized w/1000 gal. reg. 15% acid, swab, rec. salt water. Squeeze perf. 5256-64' w/90 ex. cement. Perf. 5256-64' w/2 shots/ft. Swab, no recovery. Treated perf. w/250 gal. 10% MGA, swab, no recovery. Treated w/500 gal. Western PPA acid, swabbed salt water. Dry hole, temporary abandoned.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company The Carter Oil Company

Address Box 3082

Durango, Colorado

By COPY (ORIGINAL SIGNED) H. L. FARRIS

Title Dist. Foreman

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLE COPY
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek Unit

8. FARM OR LEASE NAME

9. WELL NO.

#Q-24

10. FIELD AND POOL, OR WILDCAT

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

SE SE SEC 17, T41S, R25E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1. OIL WELL GAS WELL OTHER Dry Hole

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

660' FSL & 785' FEL Section 17, T41S, R25E

14. PERMIT NO.

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

4479' KB

18. 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.)*

Notice of intent to plug and abandon MCU well #Q-24. Will pick up and run 2-7/8" working string to 5283' and equalize 50 sacks Class 'A' cmt w/3% CaCl across perfs 5256-64'. Will raise tubing to 4300' and equalize 50 sacks Class 'A' cmt. After perforating 2298-2300' w/four jets per foot will set tubing to 2300' and equalize 50 sacks Class 'A' cmt. Will raise tubing and displace cmt to 2150'. After perforating 1248-50' w/four jets per ft. will equalize 50 sacks Class 'A' cmt, raise tubing and displace cmt to 1120'. Will set 25 sack surface plug and install regulation marker. The location will then be prepared for inspection.

MCU well #Q-24 was completed as a dry hole May 16, 1958 after proving the potential Ismay and Desert Creek producing horizons to be water saturated. The well is of no further use to McElmo Creek Unit as either a producer or injector.

Depth: 5300' PBTD
Casing: 16", 42.73# set at 122'
10-3/4", 32.75# set at 1220'
7" 20 & 23# set at 5468' w/320 sx pozmix.
Top cement at 4200'

Formations: Navajo 472'
Kayenta 760'
Chinle 1116'

Perfs: 5256-64', 5390-5420'

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 10-12-71

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

SIGNED D. D. Kingman

TITLE District Engineer

DATE 9/24/71

(This space for Federal or State office use)

APPROVED BY
CONDITIONS OF APPROVAL, IF ANY:

TITLE

DATE

JPN/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Broussard, Hurlbut, File

THE SUPERIOR OIL COMPANY

CORTEZ, COLORADO

January 31, 1972

January 25, 1972

Superior Oil Company
Drawer "G"
Cortez, Colorado

Gentlemen:

This letter is to advise you that the "Subsequent Report of Abandonment" for the following wells is due and has not yet been filed with this office:

McElmo Creek Unit Q-24 - 17-41S-25E - San Juan Co.

McElmo Creek Unit Q-08 - 29-40S-25E - San Juan Co.

Rule D-2, General Rules and Regulations and Rules of Practice and Procedure, requires that said reports be filed within thirty (30) days after the plugging of any well has been accomplished.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL AND GAS CONSERVATION

SCHEREE DeROSE
SUPERVISING STENOGRAPHER

:sd

THE SUPERIOR OIL COMPANY

P. O. DRAWER G
CORTEZ, COLORADO 81321

January 31, 1972

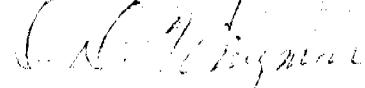
State of Utah
Div. of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

SUBJECT: MCU #Q-08 29-40S-25E
MCU #Q-24 17-41S-25E
San Juan County, Utah

Gentlemen:

McElmo Creek Unit wells #Q-08 and #Q-24 have not yet been plugged. We now anticipate performing this work this summer.

Very truly yours,



D. D. Kingman

DDK/njh

File

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.

14-20-603-263

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

Navajo

7. UNIT AGREEMENT NAME

McElmo Creek

8. FARM OR LEASE NAME

9. WELL NO.

McElmo Creek Unit #Q-24

10. FIELD AND POOL, OR WILDCAT

McElmo Creek

11. SEC., T., E., M., OR BLE. AND
SURVEY OR AREA

SE SE 17, T41S, R25E

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
The Superior Oil Company *J. Kingman*

3. ADDRESS OF OPERATOR
P. O. Box '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

660' FSL & 660' FEL, Section 17, T41S, R25E, SLM

14. PERMIT NO.

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

4480' 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)

(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.)*

Depth: 5495' TD, 5300' PBD (Perfs 5336-50 and 5390-5420' squeezed with plug back).
Casing: 16", 42.73# at 122', 10-3/4", 32.75# at 1220, 7" 20 & 23# at 5468' with 320 sx
Pozmix. Top of cement at 4200'.
Perfs: 5256-64' Formations: Navajo 472', Kayenta 760', Chinle 1116'.

6/28/72 Mixed 50 sacks Class 'A' Cement and equalized with mud across perfs 5256-64'.
Top of plug at 5196'. Mixed 50 sacks Class 'A' Cement and equalized with
mud.

6/29/72 Perf'd 2298-2300' with 4 jets/ft. Mixed and equalized 50 sack plug. Dis-
placed 10 sacks through perfs at 1600 psi.
Perf'd 1248-50' with 4 jets/ft. Mixed and equalized 50 sack plug. Displaced
2-3/4 bbls thru perfs at 1000 psi. Mixed and emplaced 25 sack plug.

10/12/72 Dry hole marker set. ✓
Location prepared for inspection.

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

SIGNED

D. D. Kingman
D. D. Kingman

TITLE

District Engineer

DATE

2/27/73

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

OGC/njh

*See Instructions on Reverse Side

cc: State, USGS, Franques, Mosley, Hurlbut, WIO, File