POWERS ELEVATION

OIL WELL ELEVATIONS — LOCATIONS
ENVIRONMENTAL — ARCHAEOLOGICAL SERVICES
600 SOUTH CHERRY STREET, SUITE 1201
DENVER, COLORADO 80222
PHONE NO. 303/321-2217

December 11, 1981

RECEIVED
DEC 1 6 1981
DIVISION OF
OIL, GAS & MINING

State of Utah
Division of Oil, Gas, and Minerals
1588 West North Temple
Salt Lake City, Utah 84116

RE: Filing Application for Permit to Drill
General American Oil Company of Texas
#1-19 White Mesa Federal
NW NW Sec. 19 T38S R22E
810' FNL & 630' FWL
San Juan County, Utah

Gentlemen:

Enclosed are three copies each of the Federal A.P.D. Form 9-331C, the Location and Elevation Plat, the Ten-Point Compliance Program, and the Blowout Preventer Diagram for the above-referenced well location.

Please return the approved copies to:

Mr. Jim Killian
General American Oil Company of Texas
P.O. Box 1358
Seminole, Oklahoma 74868

Very truly yours,

POWERS ELEVATION

Connie L. Frailey-sh

Connie L. Frailey
Vice President, Environmental Services

CLF:kls
Enclosures

cc: Mr. Jim Killian

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-17448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: White Mesa Federal

9. WELL NO.: 1-19

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19 T38S R22E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] OTHER SINGLE ZONE [XX] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: General American Oil Company of Texas

3. ADDRESS OF OPERATOR: P.O. Box 1358, Seminole, OK 74868

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
At surface: 810' FNL & 630' FWL (NW NW)
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Location is 18.6 miles southwest of Blanding, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 630'

16. NO. OF ACRES IN LEASE: 2,462.85

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: 6200'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4878' GR

22. APPROX. DATE WORK WILL START*: February 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	Conductor Pipe	40'	Redimix cement
12¼"	8 5/8" New	24# K-55 ST&C	300'	150 sx. lite
7 7/8"	5½" New	14#, 15.5# K-55 ST&C	6200'	

1. Drill 26" hole and set 40' interval of 20" conductor pipe and cement in place.
2. Drill 12¼" hole and set 8 5/8" surface casing to 300' with good returns.
3. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 6200'.
4. Run tests if warranted and run 5½" casing if productive.
5. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirements for A.P.D.
"E" & "E1" Access Road Maps to Location
"F" Radius Map of Field
"G" & "G1" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Section
"H" Drill Rig Layout

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 [signature] TITLE Vice President DATE 12/10/81

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE

APPROVED BY (Orig. Sgd.) A. M. RAFFOUL TITLE Petroleum Engineer for E. W. Guynn District Oil & Gas Supervisor DATE JAN 13 1982

CONDITIONS OF APPROVAL, IF ANY:

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED TO OPERATOR'S COPY

FLARING OR VENTING OF GAS IS SUBJECT TO NTL 4-A DATED 1/1/80

See State O and G

Identification No. 090-82

United States Department of the Interior
Geological Survey
2000 Administration Building
1745 West 1700 South
Salt Lake City, Utah 84104

NEPA CATEGORICAL EXCLUSION REVIEW

PROJECT IDENTIFICATION

Operator General American Oil Co. of Texas

Project Type single zone oil exploration well

Project Location 810'FNL/630'FWL, sec. 19, T. 38 S., R. 22 E., San Juan County Utah

Well No. 1-19 White Mesa Federal Lease No. U-17448

Date Project Submitted

FIELD INSPECTION Date December 14, 1981

Field Inspection Participants

Gerald Huddleston - agent for General American
Carolyn Wood - Powers Elevation
Reggie Jeter / Chuck Spillers Oil Field Dozer
Chuck Thomas - Gosney & Son Construction
Dean McClellan - McDonald Construction
Brian Wood / Reed Wilson - Bureau of Land Management
Don Englishman

I have reviewed the proposal in accordance with the categorical exclusion review guidelines. This proposal would not involve any significant effects and, therefore, does not represent an exception to the categorical exclusions.

January 7, 1982
Date Prepared

Donald Englishman
Environmental Scientist

I concur

1/11/82
Date

District Supervisor

CATEGORICAL EXCLUSION REVIEW INFORMATION SOURCE

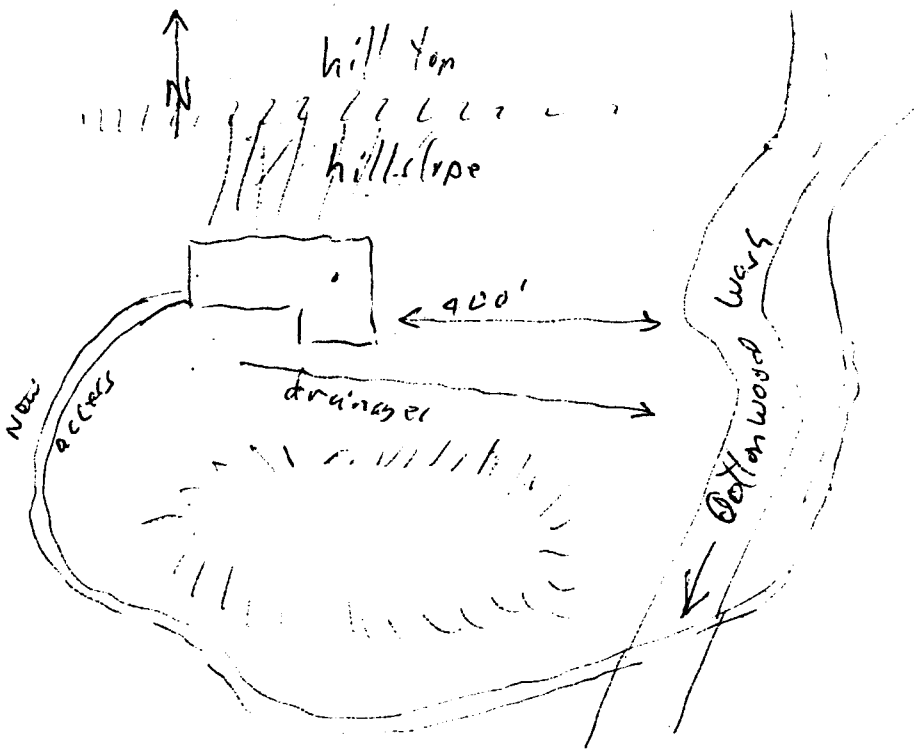
Criteria 516 DM 2.3.A	Federal/State Agency: Correspondence (date)	Federal/State Agency: Phone check (date)	Federal/State Agency: Meeting (date)	Local and private correspondence (date)	Previous NEPA	Other studies and reports	Staff expertise	Onsite inspection (date)	Other
1. Public health and safety						✓4	✓		
2. Unique characteristics							✓		
3. Environmentally controversial							✓		
4. Uncertain and unknown risks							✓		
5. Establishes precedents							✓		
6. Cumulatively significant							✓		
7. National Register historic places	✓1								
8. Endangered/ threatened species	✓1								
9. Violate Federal, State, local, tribal law						✓4	✓		

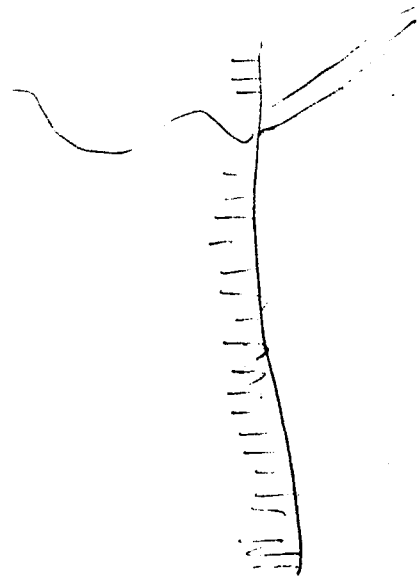
CATEGORICAL EXCLUSION REVIEW COMMON REFERENCE LEGEND

1. Surface Management Agency Input
2. Reviews Reports, or information received from Geological Survey (Conservation Division, Geological Division, Water Resource Division, Topographic Division)
3. Lease Stipulations/Terms
4. Application for Permit to Drill
5. Operator Correspondence
6. Field Observation
7. Private Rehabilitation Agreement

Remarks:

1. Location not changed as stated by surveyor
2. site diagram:





Diane

IN REPLY REFER TO
T38SR22E Sec. 19
(U-069)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT

Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

January 5, 1982

Memorandum

To: USGS, Durango, Colorado

From: Area Manager, San Juan

Subject: General American Oil Company of Texas's White Mesa Federal 1-19 Well (U-17448)

We concur with approval of the APD, provided the following stipulations are included in the approval.

1. Temporary cattleguards will be installed at the two fence crossings. If production results, the cattleguards will become permanent. If a dry hole results, the lower fence crossing will be wired shut.

2. Absolutely no road construction of any type is to occur on the three miles of road between U.S. 163 and the junction at the salt lick in the south quarter of Section 17. The salt lick will not be disturbed.

3. There is to be absolutely no surface disturbance outside of the staked perimeter of the pad.

The archaeological requirement has been fulfilled. No threatened or endangered species are indicated in the area.

Edward R. Schenk

RECEIVED
JAN 7 1982
U. S. GEOLOGICAL SURVEY
DURANGO, COLO.

EXHIBIT "B"

TEN-POINT COMPLIANCE PROGRAM

OF NTL-6 APPROVAL OF OPERATIONS

Attached to Form 9-331C
General American Oil Company of Texas
#1-19 Federal White-Mesa
NW NW Sec. 19 T38S R22E
810' FNL & 630' FWL
San Juan County, Utah

1. The Geologic Surface Formation

The surface formation is the Jurassic Morrison.

2. Estimated Tops of Important Geologic Markers

Navajo Sandstone	924'
Pennsylvanian Honaker Trail	4679'
Ismay	5429'
Lower Ismay	5551'
Desert Creek	5763'
Akah	5879'
Total Depth	6200'

3. Estimated Depths of Anticipated Water, Oil, Gas or Minerals

Navajo Sandstone	924'	Possible Water
Pennsylvanian Honaker Trail	4679'	Salt Water and Gas
Ismay	5429'	Oil & Gas
Desert Creek	5763'	Oil & Gas

4. The Proposed Casing Program

HOLE SIZE	INTERVAL	SECTION LENGTH	SIZE (OD)	WEIGHT, GRADE & JOINT	NEW OR USED
26"	0-40'	40'	20"	Conductor Pipe	---
12 1/4"	0- 300'	300'	8 5/8"	24# K-55 ST&C	New
7 7/8"	0-5400'	5400'	5 1/2"	14# K-55 ST&C	New
7 7/8"	5400'-6200'	800'	5 1/2"	15.5# K-55 ST&C	New

Cement Program -

Surface Casing: 150 sacks Lite with 10 lbs/sack Guilsonite and 2% CaCl, followed by 150 sacks Class "G" with 1/4 lb/sack Flocele and 2% calcium chloride

Production Casing: Cement volumes top be determined by claiper

5. The Operator's Minimum Specifications for Pressure Control

EXHIBIT "C" is a schematic diagram of the blowout preventer equipment. The BOP's will be hydraulically tested to half of working pressure after nippling up and after any use under pressure. Pipe rams will be operationally checked each 24-hour period, as will blind rams and annular preventer each time pipe is pulled out of the hole. Such checks of BOP will be noted on daily drilling reports.

Accessories to BOP will include an upper kelly cock, floor safety valve, drill string BOP and choke manifold with pressure rating equivalent to the BOP stack.

6. The Type and Characteristics of the Proposed Circulating Muds

Mud system will be gel-chemical with adequate stocks of sorptive agents on site to handle possible spills of fuel and oil on the surface. Heavier muds will be on location to be added if pressure requires.

DEPTH	TYPE	WEIGHT #/gal.	VISCOSITY-sec./qt.	FLUID LOSS cc
0-3700'	Fresh water gel	8.6-8.8	30-32	No control
3700'-5000'	Fresh water gel	8.8-9.1	32-35	10-15
5000'-5900'	Fresh water gel	9.0-9.2	35-40	10 or less
5900'-TD	Air Mist	---	---	----

7. The Auxiliary Equipment to be Used

(a) An upper kelly cock will be kept in the string.

(b) A float will be used at the bit.

(c) A mud logging unit and a gas detecting device will be monitoring the system.

(d) A stabbing valve will be on the floor to be stabbed into the drill pipe when kelly is not in the string.

8. The Testing, Logging and Coring Programs to be Followed

(a) Two Drill Stem Tests are anticipated. One will be run in the Ismay horizon; the other is presently undetermined. Other zones will be tested as shows in formations warrant.

(b) The logging program will consist of the following:

dual induction SFL from base of surface casing to total depth; bore hole compensated sonic log from base of surface casing to total depth; and formation density log from 4000' to total depth.

(c) Two cores will be taken: one in the Ismay horizon, the other formation is presently undetermined.

(d) Stimulation procedures will be determined after evaluation of logs. If treatment is indicated, appropriate Sundry Notice will be submitted for approval.

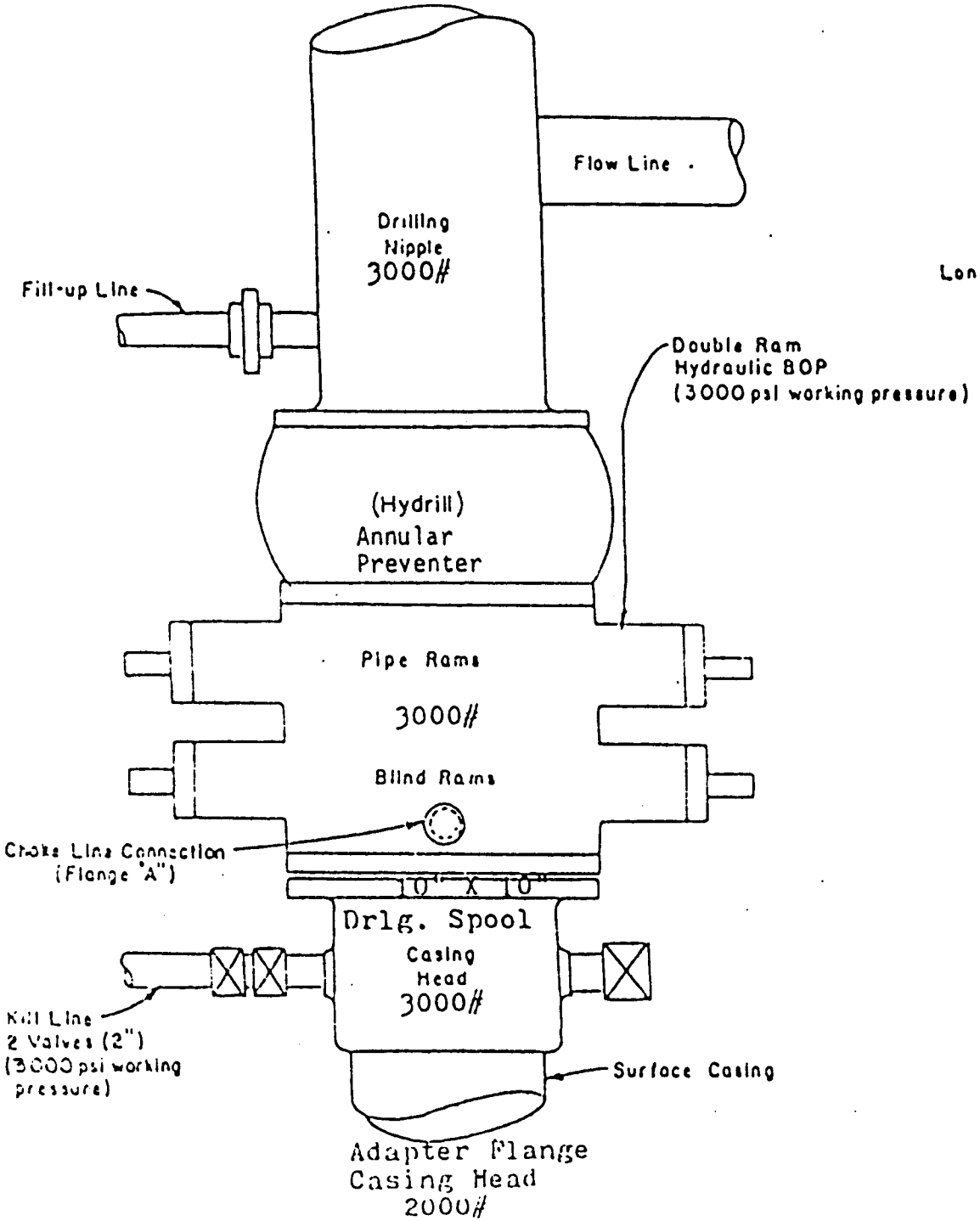
9. Any Anticipated Abnormal Pressures or Temperatures

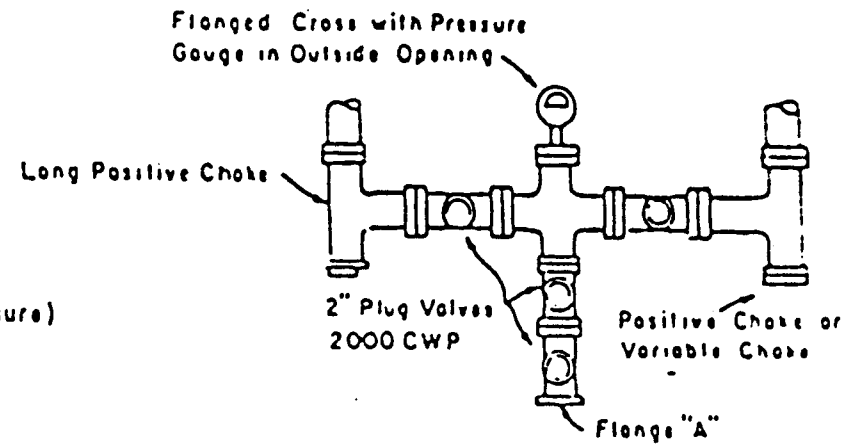
No abnormal pressures or temperatures have been noted or reported in wells drilled in the area nor at the depths anticipated in this well.

No hydrogen sulfide or other hazardous fluids or gases have been found, reported or known to exist at these depths in the area.

10. Anticipated Starting Date and Duration of the Operations

The anticipated starting date is set for as soon as approved. Operations should be completed within 35 days after spudding the well and drilling to casing point.





PLAN VIEW - CHOKE MANIFOLD

EXHIBIT "C"
BLOWOUT PREVENTER DIAGRAM

Form 9-331 C
(May 1963)

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1425.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.: U-17448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A

7. UNIT AGREEMENT NAME: N/A

8. FARM OR LEASE NAME: White Mesa Federal

9. WELL NO.: 1-19

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19 T38S R22E

1a. TYPE OF WORK: DRILL [XX] DEEPEN [ ] PLUG BACK [ ]

b. TYPE OF WELL: OIL WELL [XX] GAS WELL [ ] OTHER SINGLE ZONE [XX] MULTIPLE ZONE [ ]

2. NAME OF OPERATOR: General American Oil Company of Texas

3. ADDRESS OF OPERATOR: P.O. Box 1358, Seminole, OK 74868

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)
At surface: 810' FNL & 630' FWL
At proposed prod. zone: Same

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*: Location is 18.6 miles southwest of Blanding, Utah

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any): 630'

16. NO. OF ACRES IN LEASE: 2,462.85

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: 6200'

20. ROTARY OR CABLE TOOLS: Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.): 4878' GR

22. APPROX. DATE WORK WILL START*: February 1, 1982

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
26"	20"	Conductor Pipe	40'	Redimix cement
12¼"	8 5/8" New	24# K-55 ST&C	300'	150 sx. lite
7 7/8"	5½" New	14#, 15.5# K-55 ST&C	6200'	

1. Drill 26" hole and set 40' interval of 20" conductor pipe and cement in place.
2. Drill 12¼" hole and set 8 5/8" surface casing to 300' with good returns.
3. Log B.O.P. checks in daily drill reports and drill 7 7/8" hole to 6200'.
4. Run tests if warranted and run 5½" casing if productive.
5. Run logs, as needed, and perforate and stimulate as needed.

EXHIBITS ATTACHED:

"A" Location and Elevation Plat
"B" The Ten-Point Compliance Program
"C" The Blowout Preventer Diagram
"D" The Multi-Point Requirements for A.P.D.
"E" & "E_1" Access Road Maps to Location
"F" Radius Map of Field
"G" & "G_1" Drill Pad Layout, Production Facilities & Cut-Fill Cross-Section
"H" Drill Rig Layout

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 [signature] TITLE Vice President DATE 12/10/81

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

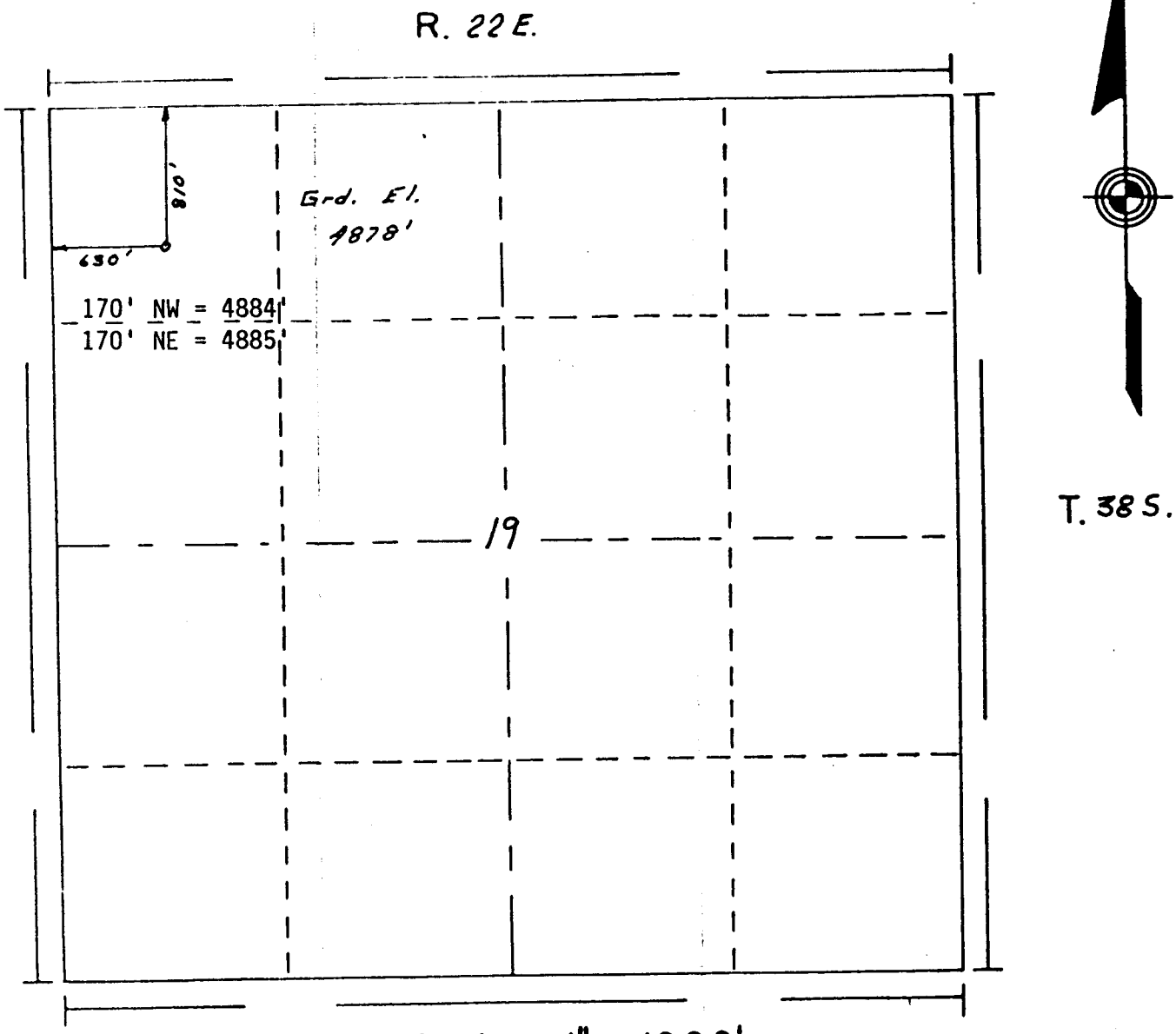
CONDITIONS OF APPROVAL, IF ANY:

RECEIVED DEC 16 1981 DIVISION OF OIL, GAS & MINING

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/4/82
BY: B Feight

EXHIBIT "A"

Location and Elevation Plat



Scale··· 1" = 1000'

Powers Elevation of Denver, Colorado
has in accordance with a request from Jim Killian
for General American Oil Company of Texas
determined the location of #1-19 White Mesa Federal
to be 810' FNL & 630' FWL Section 19 Township 38 South
Range 22 East Salt Lake Meridian
San Juan County, Utah

I hereby certify that this plat is an accurate representation of a correct survey showing the location of

Date: 4 Dec. 81

T Nelson

Licensed Land Surveyor No. 2711
State of Utah

** FILE NOTATIONS **

DATE: 12/21/81

OPERATOR: General American Oil Co. of Texas

WELL NO: White Mesa Fed. 1-19

Location: Sec. 19 T. 38S R. 22E County: San Juan

File Prepared: ✓ Entered on N.I.D: ✓

Card Indexed: ✓ Completion Sheet: ✓

API Number 43-037-30750

CHECKED BY:

Petroleum Engineer:

Director: OK as per Rule C-3

Administrative Aide: OK as per Rule C-3

APPROVAL LETTER:

Bond Required: Survey Plat Required:

Order No. O.K. Rule C-3

Rule C-3(c), Topographic Exception - company owns or controls acreage within a 660' radius of proposed site

Lease Designation Fed Plotted on Map

Approval Letter Written

Hot Line ✓ P.I. ✓

January 4, 1981

Grneral American Oil Cpmpanyof Texas
P. O. Box 1358
Seminole, OK 74868

RE: Well No. White Mesa Federal #1-19,
Sec. 19, T. 38S, R. 22E,
San Juan County, Utah

Insofar as this office is concerned, approval to drill the above referred to oil well is hereby granted in accordance with Rule C-3, General Rules and Regulations and Rules of Practice and Procedure.

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

CLEON B. FEIGHT - Director
Office: 533-5771
Home: 466-4455

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (acquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-037-30750.

Sincerely,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Director

CBF/db
CC: USGS
Ebclosures

NOTICE OF SPUD

Company: Lionel American Oil Co of Texas

Caller:

Phone:

Well Number: 1-19

Location: NW NW 19-38S-22E

County: San Juan State: Utah

Lease Number: U-17448

Lease Expiration Date:

Unit Name (If Applicable):

Date & Time Spudded: 7:30 AM 1-23-82

Dry Hole Spudder/Rotary:

Details of Spud (Hole, Casing, Cement, etc.)

Drilled to 360' 8 5/8" csg w/280 sxs

Rotary Rig Name & Number: Coleman #3

Approximate Date Rotary Moves In:

FOLLOW WITH SUNDRY NOTICE

Call Received By: Del Scott (Durango)

Date: 1-25-82

State O+G

Form 9-330
(Rev. 5-63)

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*

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

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

2. NAME OF OPERATOR: General American Oil Co. of Texas

3. ADDRESS OF OPERATOR: Box 1358 - Seminole, Oklahoma 74868

4. LOCATION OF WELL (*Report location clearly and in accordance with any State requirements*)*
At surface: 810' FNL and 630' FWL (NW NW)
At top prod. interval reported below: Same
At total depth: Same

5. LEASE DESIGNATION AND SERIAL NO.: U-17448
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: N/A
7. UNIT AGREEMENT NAME: N/A
8. FARM OR LEASE NAME: Fed. White Mesa
9. WELL NO.: 1-19
10. FIELD AND POOL, OR WILDCAT: Wildcat
11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19-38S-22E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah

14. PERMIT NO.: 43-037-30750 DATE ISSUED: 1-13-82

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (*Ready to prod.*)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1/23/82	2/11/82	4/17/82	4890 KB, 4876 Gr.	4875'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5938' KB	5788' MD	--	→	0 - 5938'	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*: 5733-5775' MD Lower Ismay

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dipmeter, I-SFL, BHC Sonic & CNL-FDC

27. WAS WELL CORED: Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	40#	40'	26"	Cmtg. to surf w/Redi mix	None
8-5/8"	24#	300'	12-1/4"	280 sx.	None
5-1/2"	17# & 14#	5940'	7-7/8"	1st Stage 450 sx.	None
				2nd Stage(1855) 825 sx.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)
N/A	--	--	--	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5785'	No

31. PERFORATION RECORD (*Interval, size and number*)

5733-38'	.4"	(11)
5746-49'	.4"	(7)
5756-64'	.4"	(9)
5771-75'	.4"	(17)
5800-20'	.4"	(42)

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
5800-20'	500 gal. 28% MSR Acid
5756-5775'	1250 gal. 28% MSR Acid
5733-38'	500 gal. 28% MSR Acid
5733-75'	4000 gal. 28% MSR Acid

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (*Flowing, gas lift, pumping—size and type of pump*)	WELL STATUS (*Producing or shut-in*)
4/17/82	Pumping	Producing

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
4/26/82	24	--	→	11.7	N/A	13.3	N/A

FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)
0	0	→	11.7	N/A	13.3	37

34. DISPOSITION OF GAS (*Sold, used for fuel, vented, etc.*): Used for fuel & vented

TEST WITNESSED BY: Jeff Anderson

35. LIST OF ATTACHMENTS: Logs, DST, Core Analysis -- See Back

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

SIGNED J.L.Killian TITLE District Superintendent DATE 4/29/82

*(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 33, 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.
Honaker Trail	5561	5604	Core #1-Lime & Shale, No Analysis
Ismay	5734	5784	Core #2-Lime-Gray/Brown, Sl/ Vug, C
	5882	5938	Core #3-Lime & Shale, No Analysis
DST #1	5729	5786	IH 2716 IFP 109-122 ISIP 1066 FFP 95-245 FSIP 2012 FHP 2716 Rec. 617' total, 10' oil, 145' gas & oil cut mud, 462' gas cut oil

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
Navajo	922'	
Honaker	4710'	
Upper Ismay	5610'	
Lower Ismay	5733'	
Desert Creek	5856'	

★ U.S. GOVERNMENT PRINTING OFFICE: 1974-780-680/VIII-238

CORE ANALYSIS RESULTS

for

GENERAL AMERICAN OIL COMPANY OF TEXAS

WHITE MESA FEDERAL 1-19
WILDCAT
SAN JUAN COUNTY, UTAH

G.A.O.C.
RECEIVED
MAR 19 1982
OKLAHOMA

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

GEN. AMER. OIL CO. OF TEXAS
WHITE MESA FEDERAL 1-19
WILDCAT
SAN JUAN COUNTY

FORMATION : L. ISMAY & DESERT CREEK
DRLG. FLUID: FRESH WBM
LOCATION : NW,NW SEC.19-38S-22E
STATE : UTAH

DATE : 2-8-82
FILE NO. : RP-3-3185
ANALYSTS : GG,DS
ELEVATION: 4876 GL

FULL DIAMETER CORE ANALYSIS--BOYLES LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) MAX.	90 DEG.	POR. FLD.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION	
	5561-5590							LM/SHL - NO ANALYSIS	
	5590-5604							SHL/LM - NO ANALYSIS	
	5604-5734							DRILLED	
1	5734-35p	0.03		2.0	0.0	50.9	2.71	LM-GRY,VF XLN,STY	
2	5735-36p	0.01		0.9	13.0	26.1	2.71	LM-GRY,VF XLN,STY	
3	5736-37p	<0.01		1.2	0.0	24.4	2.71	LM-GRY,VF XLN,STY	
4	5737-38p	<0.01		2.0	11.7	23.4	2.71	LM-GRY,VF XLN,STY	
5	5738-39p	<0.01		1.6	8.5	17.1	2.72	LM-GRY,VF XLN,STY	
6	5739-40p	0.04		1.6	8.3	33.2	2.75	LM-GRY,VF XLN,STY	
7	5740-41p	0.01		2.2	6.9	13.9	2.75	LM-GRY,VF XLN,STY	VF
8	5741-42p	0.22	0.21	4.8	4.0	12.0	2.77	LM-GRY/BRN,F XLN,SL/VJG,C	
9	5742-43p	0.02		4.0	2.6	10.3	2.72	LM-GRY/BRN,F XLN,SL/VJG,C	VF
10	5743-44p	3.2		6.8	6.0	28.9	2.71	LM-GRY/BRN,F XLN,SL/VJG,C	VF
11	5744-45	3.1	3.0	5.7	4.0	24.0	2.73	LM-GRY/BRN,F XLN,SL/VJG,C	
12	5745-46	1.0	0.84	5.2	2.7	32.1	2.73	LM-GRY/BRN,F XLN,SL/VJG,C	
13	5746-47p	0.02		1.5	0.0	28.6	2.79	LM-GRY/BRN,F XLN,VSL/VJG,SL/ANH	
14	5747-48	0.18	0.17	2.2	0.0	25.3	2.75	LM-GRY/BRN,F XLN,VSL/VJG	
15	5748-49p	0.58		5.3	1.9	22.3	2.73	LM-GRY/BRN,SL/VJG,C	
16	5749-50	0.68	0.65	4.2	2.2	21.9	2.72	LM-GRY/BRN,SL/VJG,C	
17	5750-51	0.88	0.82	4.9	2.1	37.9	2.73	LM-GRY/BRN,SL/VJG,C	
18	5751-52	2.1	1.7	6.5	1.9	33.9	2.71	LM-GRY/BRN,SL/VJG,C	
19	5752-53	2.2	2.2	6.4	3.2	25.5	2.70	LM-GRY/BRN,SL/VJG,C	
20	5753-54p	1.6		5.5	9.5	30.5	2.71	LM-GRY/BRN,SL/VJG,C	
21	5754-55p	11		7.8	7.2	26.1	2.72	LM-GRY/BRN,SL/VJG,C	
22	5755-56p	0.11		4.8	3.5	35.3	2.71	LM-GRY/BRN,SL/VJG,C	

These analyses, opinions or interpretations are based on observations and materials supplied by the client to whom, and for whose exclusive and confidential use, this report is made. The interpretations or opinions expressed represent the best judgment of Core Laboratories, Inc. (all errors and omissions excepted); but Core Laboratories, Inc. and its officers and employees, assume no responsibility and make no warranty or representations, as to the productivity, proper operations, or profitableness of any oil, gas or other mineral well or sand in connection with which such report is used or relied upon.

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

GEN. AMER. OIL CO. OF TEXAS
WHITE MESA FEDERAL 1-19
WILDCAT
SAN JUAN COUNTY

FORMATION : L. ISMAY & DESERT CREEK
DRLG. FLUID: FRESH WBM
LOCATION : NW,NW SEC.19-38S-22E
STATE : UTAH

DATE : 2-8-82
FILE NO. : RP-3-3185
ANALYSTS : GG/DS
ELEVATION: 4876 GL

FULL DIAMETER CORE ANALYSIS--BOYLES LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) MAX.	90 DEG.	POR. FLD.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION
23	5756-57p	0.26		4.6	3.7	33.6	2.72	LM-GRY/BRN,F XLN,SL/VJG,C
24	5757-58p	0.37		5.9	1.6	22.9	2.72	LM-GRY/BRN,F XLN,SL/VJG,C
25	5758-59p	2.5		6.3	3.2	25.5	2.75	LM-GRY/BRN,F XLN,SL/VJG,C
26	5759-60p	1.3		6.3	3.3	26.4	2.75	LM-GRY/BRN,F XLN,SL/VJG,C
27	5760-61	0.71	0.63	5.0	0.0	44.1	2.73	LM-GRY/BRN,F XLN,SL/VJG,C
28	5761-62	0.48	0.42	4.7	0.0	28.1	2.77	LM-GRY/BRN,F XLN,SL/VJG,C
29	5762-63p	0.12		3.1	0.0	28.9	2.74	LM-GRY,F XLN,VSL/VJG
30	5763-64p	0.01		1.0	0.0	15.9	2.77	LM-GRY,F XLN,VSL/VJG
31	5764-65p	0.05		2.1	0.0	18.4	2.77	LM-GRY,F XLN,VSL/VJG
32	5765-66p	0.03		2.9	1.8	25.8	2.73	LM-GRY,F XLN,VSL/VJG
33	5766-67p	2.0		3.2	0.0	37.7	2.76	LM-GRY,F XLN,VSL/VJG
34	5767-68p	0.12		4.9	2.2	44.6	2.73	LM-GRY,F XLN,VSL/VJG
35	5768-69p	2.5		5.9	2.2	21.5	2.71	LM-GRY/BRN,F XLN,SL/VJG,C
36	5769-70p	0.29		5.2	0.0	12.5	2.75	LM-GRY/BRN,F XLN,SL/VJG,C
37	5770-71p	3.3		5.9	3.0	24.3	2.74	LM-GRY/BRN,F XLN,SL/VJG,C
38	5771-72p	0.39		4.9	7.5	14.9	2.72	LM-GRY/BRN,F XLN,SL/VJG,C
39	5772-73p	1.3		4.6	3.8	19.1	2.73	LM-GRY/BRN,F XLN,SL/VJG,C
40	5773-74p	0.25		4.4	0.0	46.9	2.75	LM-GRY/BRN,F XLN,SL/VJG,C
41	5774-75p	0.53		4.2	0.0	33.0	2.76	LM-GRY,F XLN,VSL/VJG
42	5775-76p	0.20		5.1	2.0	35.7	2.72	LM-GRY,F XLN,VSL/VJG
43	5776-77p	0.53		4.6	0.0	36.1	2.77	LM-GRY,F XLN,VSL/VJG
44	5777-78p	0.13		4.1	1.9	26.7	2.73	LM-GRY,F XLN,VSL/VJG
45	5778-79p	<0.01		1.1	0.0	21.3	2.74	LM-GRY,VF XLN,STY
46	5779-80p	<0.01		0.6	0.0	18.5	2.75	LM-GRY,VF XLN,STY
47	5780-81p	<0.01		0.8	0.0	25.5	2.74	LM-GRY,VF XLN,STY

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

GEN. AMER. OIL CO. OF TEXAS
WHITE MESA FEDERAL 1-19
WILDCAT
SAN JUAN COUNTY

FORMATION : L. ISMAY & DESERT CREEK
DRLG. FLUID: FRESH WBM
LOCATION : NW,NW SEC.19-38S-22E
STATE : UTAH

DATE : 2-8-82
FILE NO. : RP-3-3185
ANALYSTS : GG/DS
ELEVATION: 4876 GL

FULL DIAMETER CORE ANALYSIS--BOYLES LAW HELIUM POROSITY

SAMP. NO.	DEPTH	PERM. TO AIR (MD) MAX.	90 DEG.	POR. FLD.	FLUID SATS. OIL	WATER	GR. DNS.	DESCRIPTION
48	5781-82p	<0.01		0.5	0.0	15.4	2.73	LM-GRY,VF XLN,STY
49	5782-83p	<0.01		0.8	0.0	21.7	2.73	LM-GRY,VF XLN,STY
50	5783-84p	<0.01		0.7	0.0	14.2	2.73	LM-GRY,VF XLN,STY
	5784-5882							DRILLED
	5882-5886							SHALE--NO ANALYSIS
	5886-5887							ANHY/SHL--NO ANALYSIS
	5887-5891							LIMESTONE--NO ANALYSIS
	5891-5895							ANHYDRITE--NO ANALYSIS
	5895-5899							DOL/LM--NO ANALYSIS
	5899-5907							ANHYDRITE--NO ANALYSIS
	5907-5918							SHL/LM--NO ANALYSIS
	5918-5926							LIMESTONE--NO ANALYSIS
	5926-5927							LM/SHL--NO ANALYSIS
	5927-5938							SHALE--NO ANALYSIS

p Sample unsuitable for full diameter analysis, conventional plug used.
VF Vertical Fracture
Lower Ismay--5734-5784
Desert Creek--5882-5938

5734 - 5784 - Non-productive due to low permeability and porosity.

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CORE LABORATORIES, INC. *Petroleum Reservoir Engineering*

COMPANY	GEN AMER OIL CO OF TEXAS	FIELD	WILDCAT	FILE	RP-3-3185
WELL	WHITE MESA FED 1-19	COUNTY	SAN JUAN	DATE	2-8-82
LOCATION	NW,NW SEC.19-38S-22E	STATE	UTAH	ELEV.	4876 GL

CORE-GAMMA CORRELATION

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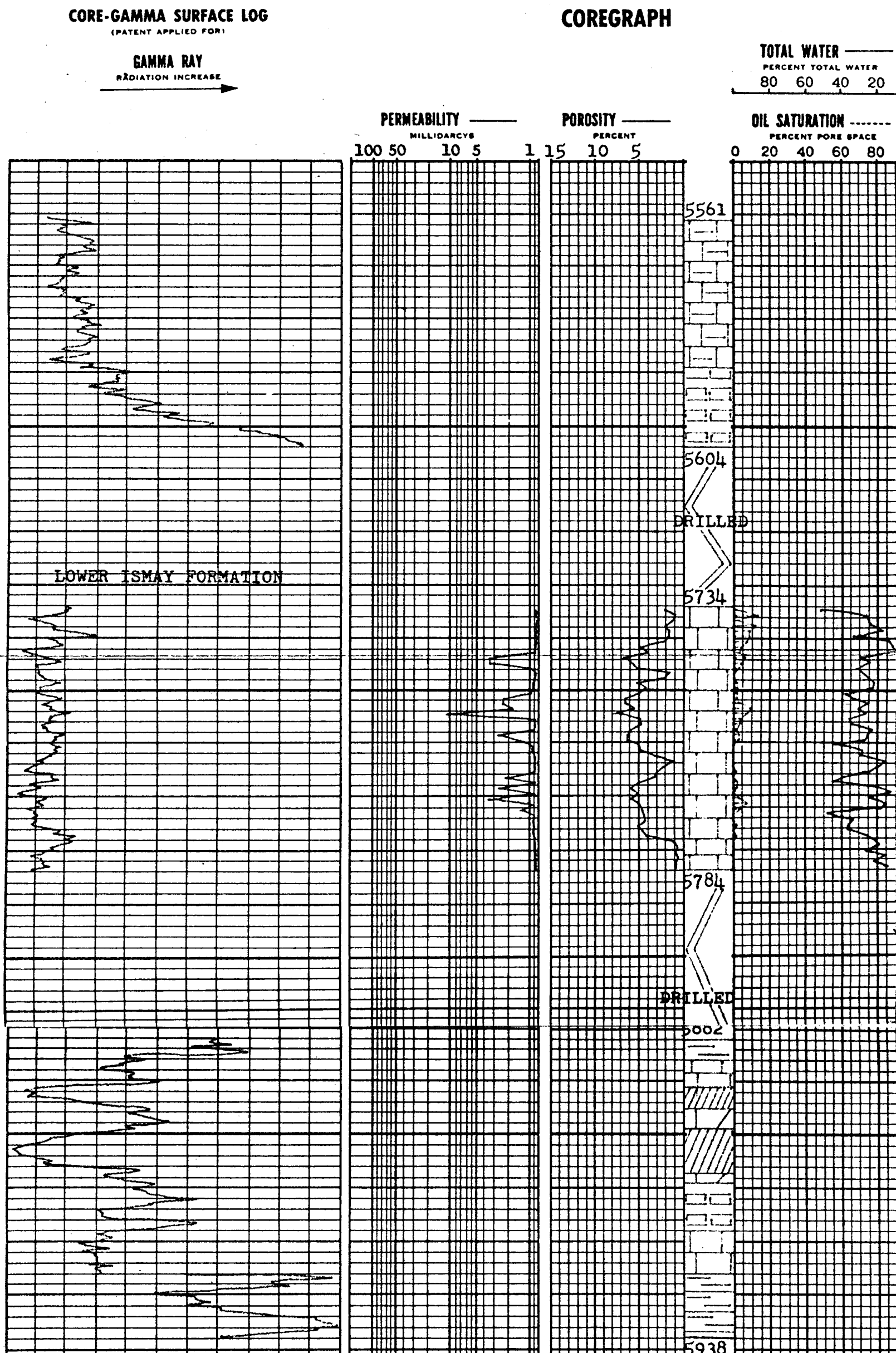
VERTICAL SCALE: 5" = 100'



Form OGC-1b

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS, AND MINING

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 [X] OTHER TA'd

2. NAME OF OPERATOR: General American Oil Co. of Texas

3. ADDRESS OF OPERATOR: Box 1358 - Seminole, Oklahoma 74868

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface: 810' FNL and 630' FWL (NW NW)

5. LEASE DESIGNATION AND SERIAL NO.: U-17448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT AGREEMENT NAME:

8. FARM OR LEASE NAME: Fed. White Mesa

9. WELL NO.: 1-19

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec 19-38S-22E

14. PERMIT NO.: 43-037-30750

15. ELEVATIONS (Show whether DF, RT, GR, etc.): 4890' KB

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	[ ]	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) Change of Operator	[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.)*

New Operator: Phillips Oil Company
Box 1358
Seminole, Oklahoma 74868

(Effective March 8, 1983)

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

SIGNED J.L. Killian TITLE District Superintendent DATE 3/22/83

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

WATER ANALYSIS FOR
WHITE MESA FED 1-19

2420 ALAMO SE • ALBUQUERQUE, NEW MEXICO 87106
(505) 247-8817

RECEIVED
MAR 26 1982
OKLAHOMA

To: Dowell
P.O.Box 1266
Cortez, CO 81321

Date: March 11, 1982
AL No.: 82-0067

Attention: Terry M. Eagle

Sample Identification	Analytical Results	
#1	Na	1,000 ppm
	K	110,000 ppm
	Fe	4,000 ppm
	Ca	70 ppm
	Mg	19 ppm
	Cl^-	24,000 ppm
	$SO_4^=$	1.6 ppm
	$HCO_3^-, CO_3^=$	n.d
	Conductivity	525 mmhos/cm
	pH	<1
	calc. TDS	139,000 ppm
#2	Na	380 ppm
	K	105,000 ppm
	Fe	350 ppm
	Ca	115 ppm
	Mg	20 ppm
	Cl^-	1,100 ppm
	$SO_4^=$	20 ppm
	$HCO_3^-, CO_3^=$	n.d
	Conductivity	27 mmhos/cm
	pH	4.18
	calc. TDS	107,000 ppm
#3	Na	700 ppm
	K	105,000 ppm
	Fe	1,080 ppm
	Ca	285 ppm
	Mg	34 ppm
	Cl^-	1,300 ppm
	$SO_4^=$	140 ppm
	$HCO_3^-, CO_3^=$	n.d
	Conductivity	27 mmhos/cm
	pH	3.48
	calc. TDS	109,000 ppm

xc - Crow, Louisiana, Weyton

#4

RECEIVED
MAR 26 1982

Na	360 ppm
K	95,000 ppm
Fe	0.23 ppm
Ca	81 ppm
Mg	24 ppm
Cl^-	1,000 ppm
$SO_4^=$	2,020 ppm
$CO_3^=$	n.d
HCO_3^-	73 ppm
Conductivity	20 mmhos/cm
pH	8.33
calc. TDS	99,000 ppm

An invoice for these services is enclosed. Thank you for contacting AnaChem, Inc.

Sincerely,

AnaChem, Inc.

J. Dirk Nies

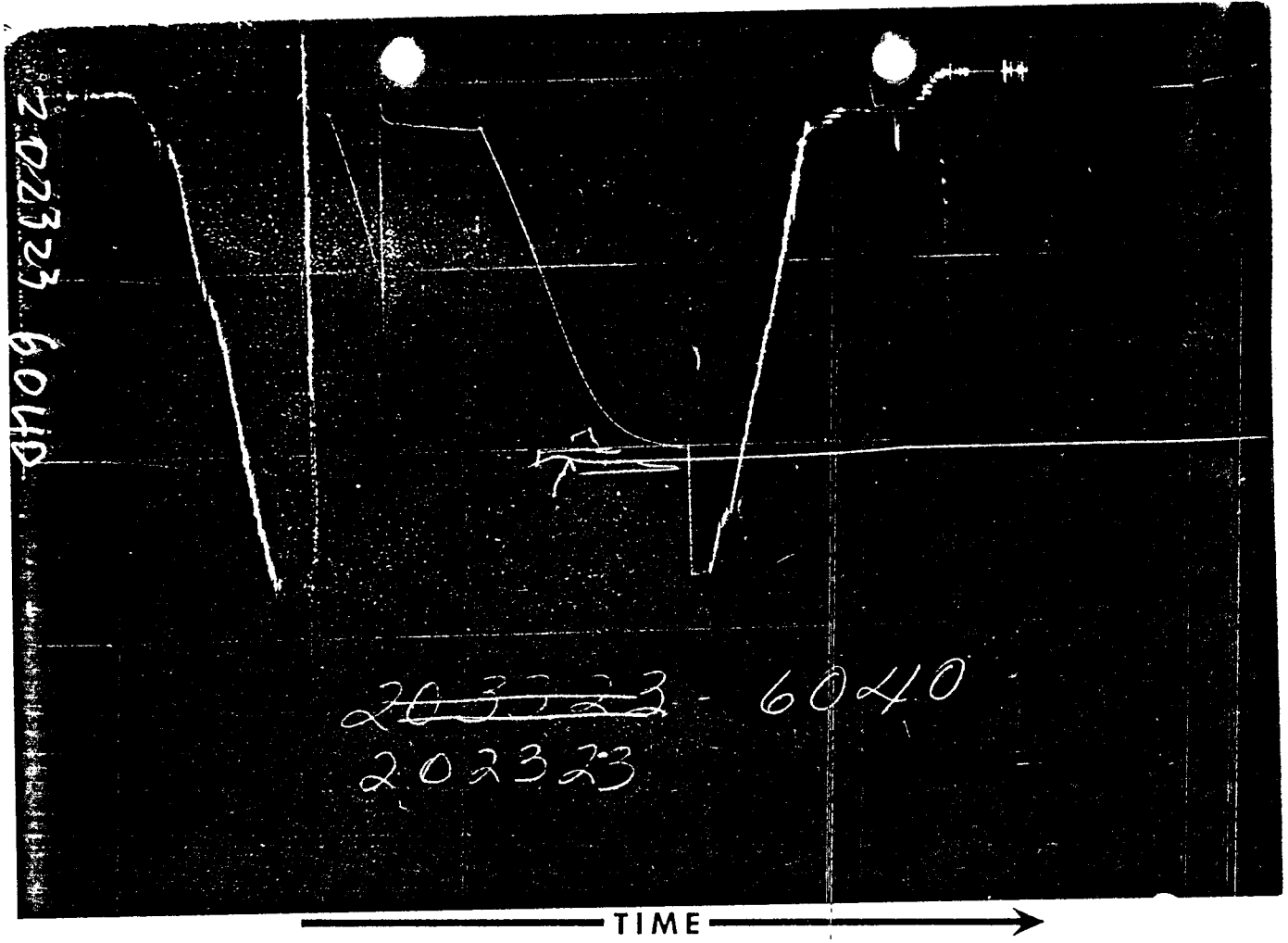
J. Dirk Nies, Ph.D.
Laboratory Director

JDN:rp

Lease Name	Well No.	Test No.	Tested Interval	Lease Owner/Company Name
WHITE MESA FEDERAL	19-1	1	5729'-5786'	GENERAL AMERICAN OF TEXAS

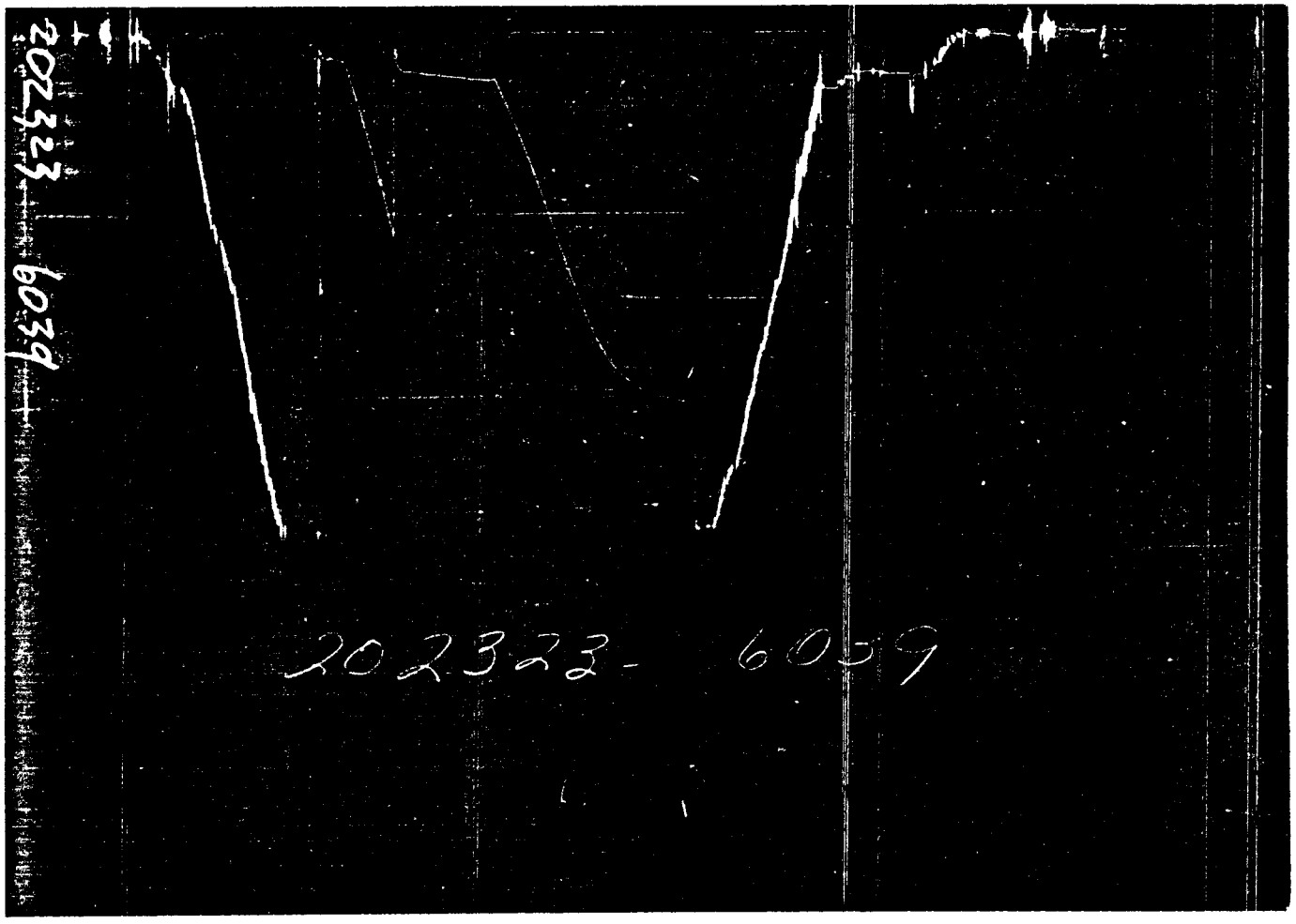
Ticket Number	Camp	Date	Gauge Number(s)
202323	FARMINGTON	2-8-82	6040-6039

HALLIBURTON SERVICES



PRESSURE

TIME



Each Horizontal Line Equal to 1000 p.s.i.

TICKET NO. 202323 DATE 2-8-82 HALLIBURTON CAMP FARMINGTON

LEASE OWNER GENERAL AMERICAN OF TEXAS /dr

LEASE NAME WHITE MESA FEDERAL WELL NO. 19-1 TEST NO. 1

LEGAL LOCATION 19-38S-22E FORMATION TESTED LOWER ISMAY

FIELD AREA WHITE MESA COUNTY SAN JUAN STATE UTAH

TYPE OF D.S.T. OPEN HOLE

TESTER(S) D. AULD

WITNESS BOB BEYERS DRILLING CONTRACTOR COLEMAN

DEPTHS MEASURED FROM KELLY BUSHING CASING PERFS (FT.)

TYPE AND SIZE OF GAS MEASURING DEVICE

CUSHION DATA

TYPE AMOUNT WEIGHT (lb./gal.)

TYPE AMOUNT WEIGHT (lb./gal.)

RECOVERY (ft. or bbl.):

10' oil

145' mud

462' gas cut oil

FLUID PROPERTIES

SOURCE	RESISTIVITY	CHLORIDES (PPM)	SOURCE	RESISTIVITY	CHLORIDES (PPM)
PIT	.811 @ 57 °F		Sampler water	.160 @ 60 °F	28,000
Middle	1.008 @ 49 °F			@ °F	
	@ °F			@ °F	

REMARKS:

SEE PRODUCTION TEST DATA SHEET

TICKET NO. 202323 DATE 2-8-82 ELEVATION (FT). 4892'

TOP OF TESTED INTERVAL (ft.) 5729' BOTTOM OF TESTED INTERVAL (ft.) 5786'

NET PAY (ft.) 29' TOTAL DEPTH (ft.) 5786'

HOLE OR CASING SIZE (in.) 7 7/8" MUD WEIGHT (lb./gal.) 9 VISCOSITY (sec.) 40

SURFACE CHOKE (in.) BOTTOM CHOKE (in.) .75"

OIL GRAVITY 40 @ 60 °F GAS GRAVITY—ESTIMATED ACTUAL

SAMPLER DATA

PRESSURE (P.S.I.) 96 CUBIC FT. OF GAS .2096

C.C.'s OF OIL 1030 C.C.'s OF WATER 500

C.C.'s OF MUD TOTAL LIQUID C.C.'s 1530

GAS/OIL RATIO (cu. ft. per bbl.)

FROM SAMPLER OTHER

TEMPERATURE (°F)

ESTIMATE

ACTUAL 120

DEPTH (ft.) 5782'

H.T.-500 ☐; THERMOMETER ☒ XXX

T.E. OR R.T.-7 ☐; OTHER ☐

SERIAL NO.

RECORDER AND PRESSURE DATA

CHARTS READ BY D. AULD DATA APPROVED BY J.L. ROBINSON

RECORDERS					
GAUGE NUMBER	6040	6039			
GAUGE TYPE	1	2			
GAUGE DEPTH (ft.)	5708	5783			
CLOCK NUMBER	14128	13840			
CLOCK RANGE (HR.)	24	24			

TIMES (00:00-24:00 HRS.)

TOOL OPENED 1116

DATE 2-7-82

BYPASS OPENED 1846

DATE 2-7-82

PRESSURES						PERIOD	MINUTES
	INITIAL HYDROSTATIC	2720.9	2747.4			XXX	XXX
1st.	INITIAL FLOW	56.1	91.5			1st. FLOW	
1st.	FINAL FLOW	139.1	157.9			1st. C.I.P.	
1st.	CLOSED-IN	1100.0	1117.2			XXX	XXX
2nd.	INITIAL FLOW	84.2	88.2			2nd. FLOW	
2nd.	FINAL FLOW	238.9	259.5			2nd. C.I.P.	
2nd.	CLOSED-IN	2014.3	2035.4			XXX	XXX
3rd.	INITIAL FLOW					3rd. FLOW	
3rd.	FINAL FLOW					3rd. C.I.P.	
3rd.	CLOSED-IN					XXX	XXX
	FINAL HYDROSTATIC	2706.1	2731.8				

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 202323

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks PAGE 1
0410					On location
0608					Picked up and made up tools
0746					Trip in with tools
1116	BH	1 oz.			Opened tool
1117	"	2			
1118	"	2			
1119	"	2.25			
1120	"	2.5			
1121	"	2.75			
1122	"	3			
1123	"	3.25			
1124	"	3.75			
1125	"	4.25			
1126	"	5			
1131	"	1 #			
1136	"	2			
1141	"	33.25 oz.			
1146	"	3.25#			Closed tool
1246	"	8 oz.			Opened tool
1247	"	5#			
1248	"	6.5			
1249	"	7.5			
1250	"	7.75			
1251	"	8			
1252	"	8.25			

FORM 182-R1—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S

Casing perfs. _____ Bottom choke _____ Surf. temp. _____ °F Ticket No. 202323

Gas gravity _____ Oil gravity _____ GOR _____

Spec. gravity _____ Chlorides _____ ppm Res. _____ @ _____ °F

INDICATE TYPE AND SIZE OF GAS MEASURING DEVICE USED _____

Date Time a.m. p.m.	Choke Size	Surface Pressure psi	Gas Rate MCF	Liquid Rate BPD	Remarks PAGE 2
1253	BH	8.25 #			
1254	"	8.25			
1255	"	8.5			
1256	"	8.5			
1259	8/64	8.5			Opened choke
1314	"	8.75			Gas to surface
1329	"	9.25			
1344	"	10			
1359	"	10.5			
1414	"	11			
1429	"	11.5			
1433	3/4"				Open choke
1446					Closed tool
1846					Opened bypass, trip out

FORM 182-R1—PRINTED IN U.S.A.

PRODUCTION TEST DATA

LITTLE'S

INCREMENTAL PRESSURE OR TICKET NUMBER 202323 PAGE NO. 1 OF 2

B. T. No. 6040			B. T. No. 6039			B. T. No.		
Depth 5708'			Depth 5783'			Depth		
Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
FIRST FLOW PERIOD			FIRST FLOW PERIOD					
0.0		56.1	0		91.5			
5.0		94.3	5		130.1			
10.0		118.5	10		147.2			
15.0		122.8	15		143.8			
20.0		130.7	20		149.2			
25.0		134.2	25		151.4			
30.5		139.1	30.5		157.9			
FIRST CLOSED IN PERIOD			FIRST CLOSED IN					
0.0		139.1	0		157.9			
58.5		1100.0	58.5		1117.2			
SECOND FLOW PERIOD			SECOND FLOW PERIOD					
0.0		84.2	0		88.2			
20.0		202.3	20		216.5			
40.0		216.8	40		231.8			
60.0		225.0	60		241.6			
80.0		233.7	80		250.7			
100.0		243.2	100		262.1			
121.0		238.9	121.0		259.5			
SECOND CLOSED IN PERIOD			SECOND CLOSED IN PERIOD					
0.0		238.9	0		259.5			
20.0		447.4	20		460.2			
40.0		677.3	40		693.1			
60.0		915.0	60		939.9			
80.0		1173.9	80		1201.5			
100.0		1428.9	100		1452.8			
120.0		1647.6	120		1668.9			
125.0		1691.6	125		1714.1			
130.0		1732.8	130		1754.7			
135.0		1770.1	135		1789.3			
140.0		1801.8	140		1822.4			
145.0		1828.5	145		1850.1			
150.0		1853.2	150		1875.1			
155.0		1875.4	155		1893.8			
160.0		1894.6	160		1913.0			
165.0		1910.8	165		1930.7			
170.0		1925.7	170		1946.5			
175.0		1937.6	175		1960.9			
180.0		1948.4	180		1970.7			
185.0		1957.7	185		1980.4			
190.0		1966.6	190		1988.6			
195.0		1974.3	195		1995.9			
200.0		1980.5	200		2002.3			
205.0		1985.7	205		2008.6			
210.0		1991.2	210		2013.1			
215.0		1996.1	215		2017.7			
220.0		2000.3	220		2021.9			
225.0		2004.2	225		2025.8			

Remarks:

81-350

INCREMENTAL PRESSUR. FOR TICKET NUMBER 202323 PAGE NO. 2 OF 2

B. T. No. 6040			B. T. No. 6039			B. T. No.		
Depth 5708'			Depth 5783'			Depth		
Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.	Time Defl. (minutes)	Log $\frac{t+\theta}{\theta}$	PSIG Temp. Corr.
230		2008.1	230		2029.7			
235		2011.8	235		2032.6			
239.9		2014.3	239.9		2035.4			

Remarks:

81-350

TICKET NO. 202323

Tool Description	O.D.	I.D.	Length	Depth
Drill Pipe	4.5"	3.826"	5091'	
Drill Collars	6.25"	2.5"	509'	
Reversing sub-Hollow pin impacts	6"	3"	1'	5601'
Drill Collars	6.25"	2.5"	93'	
Crossover	6"	3"	1'	
Dual CIP Sampler	5"	.87 "	7'	
Hydrospring tester	5"	.75"	5'	5706'
AP Running case	5"	2.25"	4'	5708'
Big John Jar	5"	1.75"	5'	
V.R. Safety Joint	5"	1"	3'	
Open hole packer	6.75"	1.53 "	6'	5723'
Open hole packer	6.75"	1.53 "	6'	5729'
Crossover	6"	3"	1'	
Drill Collars	6.25"	2.25"	35'	
Crossover	6"	3"	1'	
Flush Joint anchor	5.75"	2.25"	14'	
Blanked off running case	5.75"		4'	5783'
Total Depth				5786'

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other

2. NAME OF OPERATOR
Phillips Oil Company

3. ADDRESS OF OPERATOR
P.O. Box 2920 Casper, WY 82602

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 810' FNL, 630' FWL (NW,NW)
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-17448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A

7. UNIT AGREEMENT NAME
N/A

8. FARM OR LEASE NAME
Federal White Mesa

9. WELL NO.
1-19

10. FIELD OR WILDCAT NAME
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 19-38S-22E

12. COUNTY OR PARISH
San Juan

13. STATE
Utah

14. API NO.
43-037-30750

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4890' KB

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[X]	[ ]
(other)		

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

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

Downhole Data: 20", 40# Csg. @ 40' - Cmt. to surface w/Redi Mix.
8-5/8", 24# Csg.@300' - Cmt. to surface w/280 sx cmt.
5-1/2", 17# & 14# Csg @ 5940' - Cmt 1st stage w/450 sx. 2nd stage to surface w/825 sx.
DV collar @ 1855'

Federal White Mesa #1-19 was shut-in 8-14-82 as uneconomical to operate, pending completion of exploration in the area. Since exploration has been completed, it is proposed to plug and abandon the well as follows:

(1) Squeeze w/100 sx. cmt from PBTD-5788' to 5600'. (Perfs: 5733' - 75' O.A.)
(2) Spot 20 sx. cmt. 4660' to 4760'.
(3) Spot 25 sx. cmt. 1800' to 2000'.
(4) Set a 350' surface plug w/50 sx. cmt.
9.0 ppg mud will be mixed and circulated in csg. between all cmt plugs
(5) Cut off csg. 3' below final restored ground level.
(6) Install dry hole marker per attachment.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

(7) Perform reclamation in accordance with approved APD

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

SIGNED A. E. Stuart TITLE Area Manager DATE August 19, 1983

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

3- BLM, Farmington, NM
2- Utah, O&G CC - S.L.C, Utah
1- T. M. Isaacs
1- File

*See Instructions on Reverse Side

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 8/24/83
BY: [signature]

III. SURFACE MARKER:

(1) Surface Cap. All casing shall be cut off at the base of the cellar or 3 feet below the final restored ground level (whichever is deeper). The casing shall be filled from the surface plug [II-(5)] to the surface with cement and the well bore covered by welding a metal plate (at least 1/4" thick) to the surface casing.

(2) Abandonment Marker. A permanent monument, permanently inscribed with the well number, and location (1/4 1/4 section, township, range, county, and state), is required for each abandoned well unless a waiver is granted by the U.S.G.S. Supervisor. This monument must consist of a piece of pipe of not less than 4 inches in diameter and 10 feet in length, of which 4 feet shall be above the general ground level and the remainder being embedded in cement. The top of the pipe must be closed by a welded or screw cap, cement, or other approved means.

Form 5-330
(Rev. 5-63)

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.

4

WELL COMPLETION OR RECOMPLETION REPORT AND LOG*

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

b. TYPE OF COMPLETION: NEW WELL [ ] WORK OVER [ ] DEEP-EN [ ] PLUG BACK [ ] DIFF. RESVR. [ ] Other P&A'd

2. NAME OF OPERATOR: Phillips Oil Company (Formerly General American Oil Co of Texas)

3. ADDRESS OF OPERATOR: P.O. Box 2920, Casper, WY 82602

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface: 810' FNL & 630' FW, NW NW
At top prod. interval reported below
At total depth

RECEIVED

DIVISION OF OIL, GAS & MINING

5. LEASE DESIGNATION AND SERIAL NO.: U-17448

6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA

7. UNIT AGREEMENT NAME: NA

8. FARM OR LEASE NAME: Federal White Mesa

9. WELL NO.: 1-19

10. FIELD AND POOL, OR WILDCAT: Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA: Sec. 19-T38S-R22E

12. COUNTY OR PARISH: San Juan

13. STATE: Utah

14. PERMIT NO.: 43-037-30750 | DATE ISSUED: 1/13/82

15. DATE SPUDDED	16. DATE T.D. REACHED	17. DATE COMPL. (Ready to prod.)	18. ELEVATIONS (DF, RKB, RT, GR, ETC.)*	19. ELEV. CASINGHEAD
1/23/82	2/11/82	12/17/83 P&A'd	GR 4876' RKB 4890'	4875'

20. TOTAL DEPTH, MD & TVD	21. PLUG, BACK T.D., MD & TVD	22. IF MULTIPLE COMPL., HOW MANY*	23. INTERVALS DRILLED BY	ROTARY TOOLS	CABLE TOOLS
5938'	5788'	--	→	0 - 5938'	--

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*
Plugged & Abandoned 12/17/83

25. WAS DIRECTIONAL SURVEY MADE: No

26. TYPE ELECTRIC AND OTHER LOGS RUN: Dipmeter, I-SFL, BHC Sonic & CDL-FDC

27. WAS WELL CORED: Yes

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
20"	40#	40'	26"	Cmt to surf w/Redi-Mix	--
8-5/8"	24#	300'	12-1/4"	280 sx	--
5-1/2"	17# & 14#	5940'	7-7/8"	1st Stage 450 sx	--
				2nd Stage 825 sx	--

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
2-7/8"	5785'	--

31. PERFORATION RECORD (Interval, size and number)
P&A'd

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
	Set Howco EZ Drill Retainer at 5570'. Sqzd perfs 5733-75' w/100 sx Class B, 3000 psi. Pld out of retainer. Sptd 20 sx Class B Neat Plug 4752-4652', 20 sx Class B Neat Plug 2001-1801' w/2% CC. Tag cmt plug at 1820'. Set 50 sx plug w/2% CC from 350' to surf. Cut off csg 8' below GL. Weld ½" over csg stub

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
--	--	P&A'd

DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
--	--	--	→	--	--	--	--

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
Approval to Waive P&A Marker

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

SIGNED A. E. Stuart TITLE Area Manager DATE 1/18/84

*(See Instructions and Spaces for Additional Data on Reverse Side)

3 - BLM, Farmington, NM
2 - Utah O&G CC, SLC, Utah
1 - B. A. Conner, B'Ville
1 - J. L. Whitmire, Denver
1 - Jerry Foster, Denver
1 - D. L. Fraser, Denver
1 - R.M. Coffelt, Denver
1 - O.G. Poling, Denver
1 - File

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 33, 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.
Honaker Trail	5561'	5604'	Core #1
	5734'	5784'	Core #2
	5882'	5938'	Core #3
DST #1	5729'	5786'	Rec 617' total (10' oil, 145' gas & oil cut mud, 462' gas cut oil).

38. GEOLOGIC MARKERS

NAME	TOP MEAS. DEPTH	TOP TRUE VERT. DEPTH
	LOG TOPS	
Navajo		922'
Honaker		4710'
Upper Ismay		5610'
Lower Ismay		5733'
Desert Creek		5856'

U.S. GOVERNMENT PRINTING OFFICE: 1963—O-683636

9-331
1973

Form Approved.
Budget Bureau No. 42-R1424

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil well [X] gas well [ ] other P&A'd
2. NAME OF OPERATOR: Phillips Oil Company
3. ADDRESS OF OPERATOR: P.O. Box 2920, Casper, WY 82602
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
   AT SURFACE: 810' FNL & 630' FWL, NW NW
   AT TOP PROD. INTERVAL:
   AT TOTAL DEPTH:
5. LEASE: U-17448
6. IF INDIAN, ALLOTTEE OR TRIBE NAME: NA
7. UNIT AGREEMENT NAME: NA
8. FARM OR LEASE NAME: Federal White Mesa
9. WELL NO.: 1-19
10. FIELD OR WILDCAT NAME: Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA: Sec. 19-T38S-R22E
12. COUNTY OR PARISH: San Juan
13. STATE: Utah
14. API NO.: 43-037-30750
15. ELEVATIONS (SHOW DF, KDB, AND WD): RKB 4890'

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

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:
TEST WATER SHUT-OFF	[ ]	[ ]
FRACTURE TREAT	[ ]	[ ]
SHOOT OR ACIDIZE	[ ]	[ ]
REPAIR WELL	[ ]	[ ]
PULL OR ALTER CASING	[ ]	[ ]
MULTIPLE COMPLETE	[ ]	[ ]
CHANGE ZONES	[ ]	[ ]
ABANDON*	[ ]	[X]
(other)		

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

RECEIVED
JAN 23 1984
DIVISION OF
OIL, GAS & MINING

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.)*

Plugged as follows:
RU Howco. Pmpd 150 BF in well, 3 BPM at 2400 psi. WIH w/Howco EZ Drill Retainer set at 5570' KB. Sqzd perfs 5733-75' w/100 sx Class B cmt. Sqzd to 3000 psi. Displd w/fresh wtr. Pulled out of retainer & reversed out 2½ bbls cmt.
LD 27 jts tbg.
Spotted 20 sx Class B Neat plug from 4752-4652'.
LD 94 jts 2-7/8" tbg.
Spotted 20 sx Class B Neat plug from 2001-1801' w/2% CC.
Fin COOH, WIH w/2-7/8" tbg. Tag cmt plug at 1820'. COOH & LD 47 jts. Set 50 sx Class B plug w/2% CC from 350' to surface.
LD remainder of tbg. ND BOP & wellhead. Cut off csg 8' below GL. Weld ½" plate over csg stub. Pull anchors. Well Plugged & Abandoned 12/17/83.

Approval receibed to waive P&A Marker (See Attached).

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

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

SIGNED A. E. Stuart TITLE Area Manager DATE 1/18/84

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____

CONDITIONS OF APPROVAL, IF ANY:
4 - BLM, Farmington, NM
2 - Utah O&GCC, SLC, Utah
1 - T.M. Isaacs, Cortez
1 - Jerry Foster, Denver
1 - File

ACCEPTED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING
DATE: 1/23/84
BY: [illegible]

*See Instructions on Reverse Side

T38S,R22E,S.19
(U-069)

United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Moab District
San Juan Resource Area
P.O. Box 7
Monticello, Utah 84535

IN REPLY
REFER TO:

December 19, 1983

Ms. Caroline Anderson
Phillips Oil Co.
P.O. Box 2920
Casper, WY 82602

Dear Ms. Anderson:

This confirms that we approve Tim Haley's request to waive the Plug and Abondon marker on the White Mesa 1-19 Well (U-17448).

Sincerely yours,

Edwin L. Schier

Area Manager

RECEIVED
DIVISION OF
OIL, GAS & MINING