

Subsequent Report of Abandonment

FILE NOTATIONS

Entered in NID File

Entered On S R Sheet

Location Map Pinned

Card Indexed

I W R for State or Fee Land

Checked by Chief PWB

Copy NID to Field Office

Approval Letter

Disapproval Letter

COMPLETION DATA:

Date Well Completed 7-28-65

OW _____ WW _____ TA _____

GW _____ OS _____ PA

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log 8-9-65

Electric Logs (No.) 4

E _____ I _____ E-I 2 GR _____ GR-N _____ Micro _____

Lat _____ Mi-L _____ Sonic Cell Others _____

12-18-91
JER

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

5. LEASE DESIGNATION AND SERIAL NO.
Utah 053499

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
- - - -

7. UNIT AGREEMENT NAME
- - - -

8. FARM OR LEASE NAME
Gordon - Federal, 1-23

9. WELL NO.
1-23

10. FIELD AND POOL OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 23, T-40-S, R-19-E, Salt Lake Meridian.

12. COUNTY OR PARISH
San Juan Co.

13. STATE
Utah.

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Gordon Oil Company

3. ADDRESS OF OPERATOR
703 Citizens Bank Bldg., Abilene, Texas.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface **1980' FNL and 1980 FWL Sec. 23, T-40-S, R-19-E, Salt Lake Meridian, Utah; 660' FS&E lines NW/4 Sec. 23.**
 At proposed prod. zone
Zones down to and incl. base of Desert Creek. C SE NW

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles N. E. of Mexican Hat; Approx. 1 mile from dirt rd.

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
160

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
1400'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4064' Ground; 4070' Derrick Floor

22. APPROX. DATE WORK WILL START*
June 21, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24# 5-55	100'	100 sks. or suff. to circ.
6-3/4"	4-1/2"	9.5# 5-55 OR 11-40	1400'	See remarks.

Move in rotary rig and spud on or about June 21, 1965; Drill approx. 115' of 12-1/4" surface hole; Run and cement 100' of 8-5/8" 24# surface casing; Circulate approx. 100 sks. of cement from TD of surface hole to surface of ground; Allow cement to set min. of 12 hrs. and proceed to drill a 6-3/4" hole to approx. 1400' or to base of Desert Creek zone, whichever is deeper; Drill with native and commercial mud and catch sample cuttings from surface to TD; Adequately test zones which indicate commercial production; If commercial production is found, run 4-1/2" 9.5# casing to depth of productive zone and cement with ample cement to cover and isolate productive zone or zones; Run electric log to TD of well; Install a blow out preventer and maintain in working order at all times when drilling below the surface casing.

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.

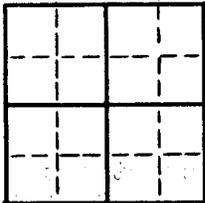
24. SIGNED G. E. Busby TITLE Manager DATE June 16, 1965

(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

STATE CAPITOL BUILDING
SALT LAKE CITY 14, UTAH

Fee and Patented.....
State
Lease No.
Public Domain
Lease No. Utah 053499
Indian
Lease No.

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 Altering Casing.....	
Notice of Intention to Redrill or Repair.....		Subsequent Report of Redrilling or Repair.....	
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)

June 16, 1965, 19

Well No. 1-23 is located 1980 ft. from ~~xs~~^{N} line and 1980 ft. from ~~W~~^{W} line of Sec. 23

Northwest Quarter Sec. 23, T-40-S R-19-E Salt Lake
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)

Wildcat San Juan Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4070' feet. 4064' Gnd.

A drilling and plugging bond has been filed with See reverse side of this form.

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 work, surface formation, and date anticipate spudding-in.)

Move in rotary rig and spud on or about June 21, 1965; Drill approx. 115' of 12-1/4" surface hole; Run and cement 100' of 8-5/8" 24# surface casing; Circulate approx. 100 sks. of cement from TD of surface hole to surface of ground; Allow cement to set min. of 12 hrs. and proceed to drill a 6-3/4" hole to approx. 1400' or to base of Desert Creek zone, whichever is deeper; Drill with native and commercial mud and catch sample cuttings from surface to TD; Adequately test zones which indicate commercial production; If commercial production is found, run 4-1/2" 9.5# casing to depth of productive zone and cement with ample cement to cover and isolate productive zone or zones; Run electric log to TD of well; Install a blow out preventer and maintain in working order at all times when drilling below the surface casing.

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

Company GORDON OIL COMPANY, Operator
Address 703 Citizens Bank Bldg., By G. E. Busby
Abilene, Texas. Title Manager

INSTRUCTIONS: A plat or map must be attached to this form showing the location of all leases, property lines, drilling and producing wells, within an area of sufficient size so that the Commission may determine whether the location of the well conforms to applicable rules, regulations and orders.

AMENDED WELL LOCATION PLAT ✓

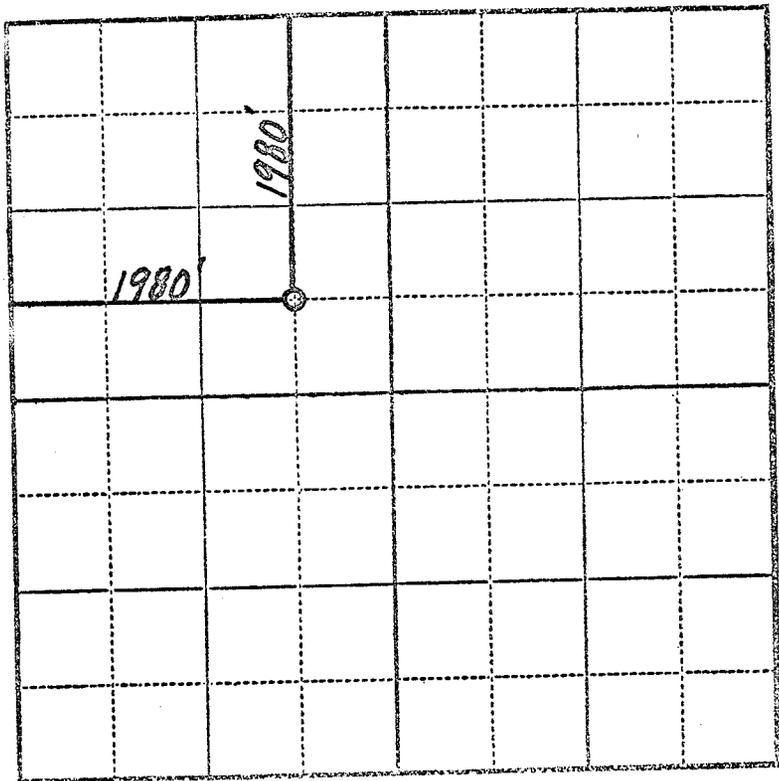
Company Gordon Oil Company

Lease Federal Well No. Gordon Fed. 1-23

Sec. 23, T. 40S, R. 19E SLM

Location 1980 FNL 1980 FWL SENW

Ground Elevation = 4764



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.

R. J. Davidson

Seal:

Registered Professional Engineer and Land Surveyor. Utah 1612

Surveyed June 8th, 1965

Note: This plat is amended only as regards to the Ground Elevation. ✓

DESIGNATION OF OPERATOR

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

DISTRICT LAND OFFICE: Salt Lake City, Utah
SERIAL NO.: Utah 053499

and hereby designates

NAME: Gordon Oil Company
ADDRESS: 703 Citizens Bank Building, Abilene, Texas

as its operator and local agent, with full authority to act in its 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 South, Range 19 East, S.L.M.

Section 23: NW/4

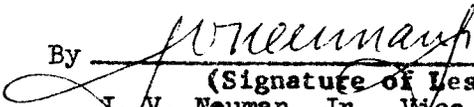
It is understood that this designation of operator does not relieve the lessee of responsibility for compliance with the terms of the lease and the Operating Regulations. It is also understood that this designation of operator does not constitute an assignment of any interest in the lease.

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.

UNITED STATES SMELTING REFINING
AND MINING COMPANY

By



(Signature of Lessee)

J. V. Neuman, Jr., Vice President
and General Manager, Oil Operations

(Address)

Post Office Box 1877, Midland, Texas 79701

June 16, 1965

(Date)

G O R D O N O I L C O M P A N Y

703 CITIZENS BANK BUILDING

ABILENE, TEXAS

June 17, 1965

Ref: Gordon - Federal 1-23,
Well No. 1-23, San Juan
County, Utah.

United States Geological Survey
P. O. Box 1809
Durango, Colorado.

Attn: Mr. Jerry W. Long, District Engineer

Dear Sir:

Enclosed are the following:

1. Original and two copies of Department of Interior form 9-331 C, Application For Permit To Drill, with attached Surveyor's Plats.
2. Original and two copies of "Designation of Operator", executed by United States Smelting Refining And Mining Company, which designates Gordon Oil Company as the Operator under the NW/4 of Sec. 23, T-40-S, R-19-E, SLM, Utah, under their lease No. Utah 053499.

I have also mailed the following to Mr. Cleon B. Feight, Executive Director, Utah Oil And Gas Conservation Commission, 348 East South Temple, Suite 301, Salt Lake City, Utah:

1. Original and one copy of the above same Department of Interior form No. 9-331-C, with attached Surveyor's Plats.
2. Original and one copy of Form OGCC-1, State of Utah, Oil And Gas Conservation Commission, with attached Surveyor's Plats.
3. Two copies of the same "Designation of Operator" as set out in above paragraph.

Forms have not been mailed to District Engineer, United States Geological Survey, Salt Lake City, Utah, in that I assume that your office will first approve the enclosed application forms and then furnish necessary copies to the Salt Lake City, Utah office.

I am proceeding under the impression that separate Bonds are not required of Gordon Oil Company as Operator under this lease and well, in that the Lessee's Bond of record will cover both Federal and State requirements for the drilling and completion, or plugging of the subject well by Gordon Oil Company.

However, if there are any other requirements of any nature which will delay this application, will you please call our office collect at Area 915, Telephone ORchard 41497, so that we may act immediately.

It is requested that all information pertaining to this well be kept confidential until notification by Gordon Oil Company.

Sincerely,

GORDON OIL COMPANY

G. E. Busby
G. E. Busby

'GB

cc; U. S. Geological Survey,
Salt Lake City, Utah

State of Utah, Oil And Gas
Conservation Commission,
Salt Lake City, Utah

United States Smelting Refining
And Mining Company,
Midland, Texas.

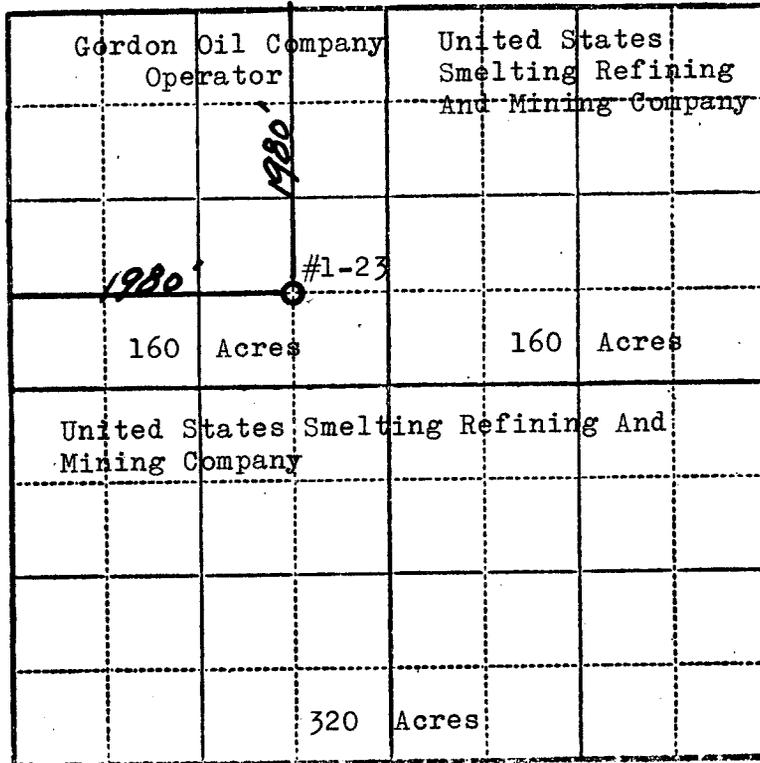
Company Gordon Oil Company

Lease Federal Well No. Gordon Fed. 1-23

Sec. 23, T. 40S, R. 19E

Location 1980 FNL 1980 FWL SENW

Ground Elevation= 4064'



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.

R. J. Deaulon

Seal:

Registered Professional
Engineer and Land Surveyor. #1612

Surveyed June 8, 1965

United States Smelting Refining And Mining Company is the Lessee of all of above Section 23, under Lease No. Utah 053499.

Gordon Oil Company is designated as Operator, by United States Smelting Refining And Mining Company, of the Northwest 160 acres of above Section 23.



ORCHARD 4-1498

G O R D O N O I L C O M P A N Y

SUITE 703 CITIZENS BANK BUILDING - ABILENE, TEXAS

June 17, 1965

Ref: Gordon-Federal 1-23,
Well No. 1-23, San Juan
County, Utah.

Mr. Cleon B. Feight, Executive Director,
Utah Oil And Gas Conservation Commission
348 East South Temple, Suite 301,
Salt Lake City, Utah.

Dear Sir:

Enclosed are the following forms:

1. Original and one copy of Department of Interior form 9-331-C, Application For Permit To Drill, with attached Surveyor's Plats.
2. Original and one copy of Form OGCC-1, State Of Utah, Oil And Gas Conservation Commission, with attached Surveyor's Plats.
3. Two copies of "Designation Of Operator", executed by United States Smelting Refining And Mining Company, which designates Gordon Oil Company as the Operator under the NW/4 of Sec. 23, T-40-S, R-19-E, SLM, Utah, under their lease No. Utah 053499.

I have also furnished the United States Geological Survey in Durango, Colorado with the forms as listed in the attached carbon copy of letter to them.

If the Utah State Commission has any further requirements of any nature which will delay our application, will you please call our office collect at Area 915, Telephone ORchard 41497, and we will take immediate action in that the rig is ready to move on or before June 21st.

It is requested that all information pertaining to this well be kept confidential until notification by Gordon Oil Company.

Sincerely,

GORDON OIL COMPANY

G. E. Busby
G. E. Busby

'GB

cc; United States Geological Survey, Salt Lake City, Utah
United States Geological Survey, Durango, Colorado
United States Smelting Refining And Mining Company, Midland, Texas.

June 21, 1965

Gordon Oil Company
703 Citizens Bank Building
Abilene, Texas

Attention: Mr. G. E. Busby, Manager

Re: Notice of Intention to Drill Well No.
GORDON FEDERAL #1-23, 1980' FWL & 1980'
FWL, C SE NW of Sec. 23, T. 40 S., R. 19 E.,
SLEM, San Juan County, Utah.

Gentlemen:

Insofar as this office is concerned, approval to drill the above mentioned well is hereby granted. However, this approval is conditional upon a Designation of Agent being filed with this Commission in accordance with Rule A-4, General Rules and Regulations and Rules of Practice and Procedure, Utah State Oil and Gas Conservation Commission.

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

PAUL W. BURCHELL, Chief Petroleum Engineer
Home: 277-2890 - Salt Lake City, Utah

HARVEY L. COOKS, Petroleum Engineer
Home: 487-1113 - Salt Lake City, Utah

Office: 328-5771 - 328-5772 - 328-5773

This approval terminates within 90 days if this well has not been spudded-in within said period.

Enclosed please find Form OGCC-8-X, which is to be completed if water sands (aquifers) are encountered while drilling, particularly accessible near surface water sands. Thank you for your cooperation in this matter.

Very truly yours,

OIL & GAS CONSERVATION COMMISSION

CLEON B. FEIGHT
EXECUTIVE DIRECTOR

CBF:kgw

cc: Mr. Rodney Smith, District Engineer
U. S. Geological Survey, Salt Lake City, Utah

FILE IN DUPLICATE

OIL & GAS CONSERVATION COMMISSION
OF THE STATE OF UTAH

DESIGNATION OF AGENT

The undersigned producer, operator, transporter, refiner, gasoline or initial purchaser who is conducting oil and/or gas operations in the State of Utah, does, pursuant to the Rules and Regulations, and Rules of Practice and Procedure of the Oil and Gas Conservation Commission of the State of Utah, hereby appoint, W. H. Sargeant, whose address is Recapture Court Motel, Bluff, Utah, (his, her or its) designated agent to accept and to be served with notices from said Commission, or from other persons authorized under the Oil and Gas Conservation Act of the State of Utah.

The undersigned further agrees to immediately report in writing, all changes of address of the agent, and any termination of the agent's authority, and in the latter case, the designation of a new agent or agents shall be immediately made. This designation of agent, however, shall remain in full force and effect until and unless a new designation agent is filed in accordance with said statute and said regulations.

Effective Date of Designation June 25, 1965

Company Gordon Oil Company Address 703 Citizens Bank Bldg., Abilene, Texas.

By G. E. Busby Title Manager
(Signature)

NOTE: Agent must be a resident of Utah.

AMENDED APPLICATION

Form 9-331 C
(May 1963)

SUBMIT IN **PLICATE***
(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. Utah 053499
6. IF INDIAN, ALLOTTEE OR TRIBE NAME -
7. UNIT AGREEMENT NAME -
8. FARM OR LEASE NAME Gordon-Federal, 1-23
9. WELL NO. 1-23
10. FIELD AND POOL, OR WILDCAT Wildcat
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 23, T-40-S, R-19-E, Salt Lake Meridian
12. COUNTY OR PARISH 13. STATE San Juan Co. Utah

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
Gordon Oil Company

3. ADDRESS OF OPERATOR
703 Citizens Bank Bldg., Abilene, Texas.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
 At surface: **1980' FNL and 1980' FWL Sec. 23, T-40-S, R-19-E, Salt Lake Meridian, Utah; 660' FS&E lines NW/4 Sec. 23.**
 At proposed prod. zone: **Zones down to and incl. base of Desert Creek.**

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
9 miles N. E. of Mexican Hat; Approx. 1 mile from dirt road.

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drig. unit line, if any)
660'

16. NO. OF ACRES IN LEASE
160

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
1400'

20. ROTARY OR CABLE TOOLS:
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4064 Ground; 4070' Derrick Floor

22. APPROX. DATE WORK WILL START*
June 21, 1965

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	50'	50 sks. or suff. to circ.
6-3/4"	4-1/2"	9.5#	1400'	See remarks

Move in rotary rig and spud on or about June 21, 1965; Drill approx. 54' of 12-1/4" surface hole; Run and cement 50' of 8-5/8" 24# surface casing; Circulate approx. 50 sks. of cement from TD of 12-1/4" surface hole to surface of gnd; Allow cement to set min of 12 hrs. and proceed to drill a 6-3/4" hole to approx. 1400' or to base of Desert Creek zone, whichever is deeper; Drill with native and commercial mud and catch sample cuttings from surface to TD; Adequately test zones which indicate commercial production; If commercial production is found, run 4-1/2" 9.5# casing to depth of productive zone and cement with ample cement to cover and isolate productive zone or zones; Run electric log to TD of well; Install a blow out preventer and maintain in working order at all times when drilling below the surface casing.

Note: This amendment was filed in order to change the surface casing from 100 ft. setting depth to 50 ft. setting depth. Surveyor's plats were attached with previous application.

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 G. E. Busby TITLE Manager DATE July 2, 1965

(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

Low Ridge - Gordon Oil Co.

Busby

5 yds

111 ft sheet on
put up new
drill

Drilling at 79 1/2 ft
this morning

1-23

50 ft of casing

~~1-23~~
Gordon Oil

Yes Corrected

Except one item

No Chain Guard

Should be as by today - July 30, 1965

JWB



ORCHARD 4-1498

G O R D O N O I L C O M P A N Y

SUITE 703 CITIZENS BANK BUILDING - ABILENE, TEXAS

July 22, 1965

Mr. Cleon B. Feight
Executive Director,
Utah Oil and Gas Conservation Commission
348 East, South Temple, Suite 301,
Salt Lake City, Utah

Ref: Gordon-Federal #1-23
San Juan County, Utah

Dear Sir:

Enclosed are two plats which corrects the elevation reported by the Surveyor on the original application to drill the Gordon-Federal No. 1-23, San Juan County, Utah.

Sincerely,

GORDON OIL COMPANY

G. E. Busby
G. E. Busby

'GEB

AMENDED WELL LOCATION PLAT ✓

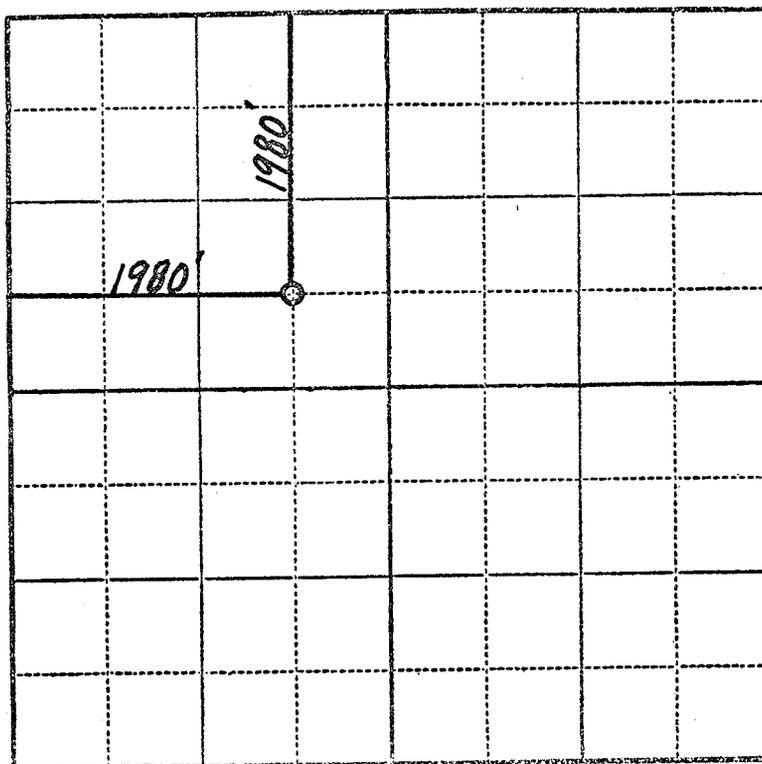
Company Gordon Oil Company

Lease Federal Well No. Gordon Fed. 1-23

Sec. 23, T. 40S, R. 19E SLM

Location 1980 FNL 1980 FWL SENW

Ground Elevation = 4764



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.

R. J. Deavelon

Seal: Registered Professional Engineer and Land Surveyor. Utah 1612

Surveyed June 8th, 1965

Note: This plat is amended only as regards to the Ground Elevation. ✓

**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 GAS WELL DRY Other

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

2. NAME OF OPERATOR
Gordon Oil Company

3. ADDRESS OF OPERATOR
703 Citizens Bank Bldg., Abilene, Texas.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1980' FNL & 1980' FWL of Sec. 23, T-40-S, R-19-E, SLM, Utah; 660' FS&E lines of NW/4 Sec. 23, 9 miles N. E. of Mexican Hat.**
At top prod. interval reported below
At total depth: **Same as above**

14. PERMIT NO. **Amended** DATE ISSUED **July 2, 1965**
12. COUNTY OR PARISH **San Juan Co.** 13. STATE **Utah**

15. DATE SPUNDED **June 25, 1965** 16. DATE T.D. REACHED **July 27, 1965** 17. DATE COMPL. (Ready to prod.) **7.28.65** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4764 Gnd; 4773 DB(Ref.)** 19. ELEV. CASINGHEAD **-**

20. TOTAL DEPTH, MD & TVD **1437** 21. PLUG, BACK T.D., MD & TVD **None** 22. IF MULTIPLE COMPL., HOW MANY* **None** 23. INTERVALS DRILLED BY **All Rotary**

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **None** 25. WAS DIRECTIONAL SURVEY MADE **No**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Schlumberger I.E.S. and Gamma-Sonic** 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
8-5/8"	24#	61'	12-1/4"	50 sacks.	None

29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
None						None	

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)
	None	

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	None

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

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
None	None

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)
	None	

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 **2 copies of Geologist's Sample Analysis, Tops, Core Data, 2 copies of Electric Logs; and Well History.**

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

SIGNED G. E. Busby TITLE Manager DATE August 4, 1965

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

HAROLD H BROWN

Consultant in Petroleum Geology

PHONE: 233-2186

2906 NEEDA DRIVE

FARMINGTON, NEW MEXICO

Sample Description For Gordon Oil Co., No. 1-23, Section 23,
T40S - R19E, San Juan County, Utah.

0 - 5 Loose SS grains and Sh, rd-brn.
5 - 15 As Above.
15 - 20 Sh, rd-brn, calc, silty.
20 - 25 No Samples.
25 - 30 Sh, brn, calc, silty.
30 - 55 Sh, purp-brn, calc, silty, some hrd.
55 - 60 Sh, lt purp, calc, silty; Ls, lt gry, dns, silty, sft.
60 - 65 No Samples.
65 - 70 Sh, purp-brn, calc, silty, mott grn.
70 - 75 No Samples.
75 - 85 Sh, purp-brn, calc, silty.
85 - 90 No Samples.
90 - 95 Sh, purp-brn, calc, hrd.
95 - 100 Sh, brn, calc., Ls, lt gry, sdy, pk Cht.
100 - 105 Sh, brn, calc, silty.
105 - 110 Sh, brn, calc, silty., Tr Ls, gry, dns.
110 - 115 Sh, rd-brn, calc.
115 - 120 Silt, rd-brn, calc.
120 - 125 Ls, rd-brn, dns., Silt, rd-brn, calc.
125 - 135 Sh, brn, calc, hrd.
135 - 140 Sh, brn, calc, hrd., Tr Ls, gry, dns, pk Cht.
140 - 145 Sh, purp-brn, calc, silty, hrd.

Desert Creek Zone: This zone is between 1185 and 1408 feet and is essentially a fossiliferous limestone with some thin shales, and some dolomite near the base. Conoidal porosity occurred near the top from 1200 to 1245 feet but no shows were seen except for a few pieces with black dead oil. Fluorescence occurred at 1355 to 1360 in a tight limestone estimated to be about three feet thick. No cores or tests were recommended for this zone.

Akah: The top of the Akah was encountered at 1420 feet and was penetrated to 1435 feet, two feet into the massive white anhydrite. Near the top thin, tight limestone and dolomite with fluorescence was present. No test or core was recommended in view of the tight section. A similar section was cored in the Raymond well.

CONCLUSION

IES and Gamma - Sonic logs were run by Schlumberger and calculations by their engineer did not reveal porous or oil bearing zones. On the basis of sample, core and log analysis it was recommended that the well be plugged and abandoned.

GAMMA RAY LOG TOPS

Hermosa -----	1455
Ismay -----	1030
Desert Creek -----	1185
Base Desert Creek --	1408
Akah -----	1420
Anhydrite (Sample) --	1434

Driller TD - 1435.

Logger TD - 1437.

Harold H. Brown
Harold H. Brown
Farmington, New Mexico

HAROLD H. BROWN

Consultant in Petroleum Geology

PHONE: 325-2188

2705 MESA DRIVE

FARMINGTON, NEW MEXICO

July 29, 1965

Mr. Dick Gordon
Gordon Oil Company
703 Citizens Bank Building
Abilene, Texas

Re: Gordon Oil Company
Federal #1-23
Section 23, T4CS - R19E
San Juan Co., Utah

Dear Mr. Gordon:

Enclosed is a copy of the lithologic description and a report for the subject location.

Very truly yours,


Harold H. Brown

HAROLD H. BROWN

Consultant in Petroleum Geology

PHONE: 325-2122

2705 MESA DRIVE

FARMINGTON, NEW MEXICO

July 29, 1965

INTRODUCTION

The writer was at the well site from 288 feet to 500 feet and from 1035 feet to total depth at 1435 feet. The drilling fluid was mud and five foot samples were caught throughout the drilling period except for the interval 342 to 354 feet when two foot samples were taken. Drilling rate was noted by marking five foot intervals on the kelly. One foot intervals were marked when important zones were anticipated. Drilling breaks and microscope examination of samples were used to detect porosity. An ultra violet lamp and carbon tet test and microscope were used to detect fluorescence and staining.

Two nearby wells were used for control: the Raymond Oil Company, #1 Federal in Section 13, T40S - R19E and the Pan American, Lime Ridge #1, in Section 28, T40S - R20E. This test, the Gordon Oil, Federal #1-23 was located in Section 23, T40S - R19E.

STRATIGRAPHY

Significance is given to the Rico facies which has oil bearing beds in the nearby Mexican Hat field and the Desert Creek and Ismay zones which produce from fields east of the Comb Monocline. The top of the Hermosa and the top of the Akah formations were also considered prospective.

Rico facies: The section above 455 feet is considered Rico facies and consists of red-brown shales and siltstones and limestones with

the limestones becoming more predominate near the base. In the Raymond well several beds above 450 feet have been interpreted to be equivalent to the oil producing beds at the Mexican Hat field. In this well all the section above 455 feet was tight and had no shows. Correlative beds with the Raymond well consisted of very calcareous sandstones and sandy limestones. Cores or tests were not recommended because of lack of shows and porosity.

Top Hermosa: The top of the Hermosa is at 455 feet and the significant interval is from 455 to 500 feet. This interval consists essentially of limestones and shales. No porosity or shows were observed and no cores or tests were recommended. No shows or porosity was seen in the Hermosa section down to the top of the Ismay.

Ismay Zone: The Ismay zone is between 1030 and 1165 feet and consists of limestones with thin shales and cherty beds. A few pieces of limestone with black dead oil were seen above 1150 and no porosity was noted. At 1150 a drilling break occurred in a light grey limestone with live green-brown oil in vugs. A three foot depth correction was made and a core taken from 1154 to 1162 $\frac{3}{4}$ feet. The upper six feet is a vugular limestone and the bottom 2 $\frac{3}{4}$ feet is a dense limestone. Permeability appeared lacking as oil occurred only in the vugs. Bleeding of water occurred between the vugs and the core smelled of oil and sulphur water and tasted slightly salty. A DST was not recommended because of the shows of water and apparent lack of permeability. The equivalent interval in the Raymond well was cored and tested. The core had a similar description and the DST recovered five feet of mud and pressures were zero.

Desert Creek Zone: This zone is between 1185 and 1408 feet and is essentially a fossiliferous limestone with some thin shales, and some dolomite near the base. Conoidal porosity occurred near the top from 1200 to 1245 feet but no shows were seen except for a few pieces with black dead oil. Fluorescence occurred at 1355 to 1360 in a tight limestone estimated to be about three feet thick. No cores or tests were recommended for this zone.

Akah: The top of the Akah was encountered at 1420 feet and was penetrated to 1435 feet, two feet into the massive white anhydrite. Near the top thin, tight limestone and dolomite with fluorescence was present. No test or core was recommended in view of the tight section. A similar section was cored in the Raymond well.

CONCLUSION

IES and Gamma - Sonic logs were run by Schlumberger and calculations by their engineer did not reveal porous or oil bearing zones. On the basis of sample, core and log analysis it was recommended that the well be plugged and abandoned.

GAMMA RAY LOG TOPS

Hermosa	-----	455
Ismay	-----	1030
Desert Creek	-----	1185
Base Desert Creek	--	1408
Akah	-----	1420
Anhydrite(Sample)	--	1434

Driller TD - 1435.

Logger TD - 1437.

Harold H. Brown
Harold H. Brown
Farmington, New Mexico

HAROLD H. BROWN

Consultant in Petroleum Geology

PHONE: 323-2123

5705 BEEBA DRIVE

FARMINGTON, NEW MEXICO

Sample Description For Gordon Oil Co., No. 1-23, Section 23,
T40S - R19E, San Juan County, Utah.

- 0 - 5 Loose SS grains and Sh, rd-brn.
- 5 - 15 As Above.
- 15 - 20 Sh, rd-brn, calc, silty.
- 20 - 25 No Samples.
- 25 - 30 Sh, brn, calc, silty.
- 30 - 55 Sh, purp-brn, calc, silty, some hrd.
- 55 - 60 Sh, lt purp, calc, silty; Ls, lt gry, dns, silty, sft.
- 60 - 65 No Samples.
- 65 - 70 Sh, purp-brn, calc, silty, mott grn.
- 70 - 75 No Samples.
- 75 - 85 Sh, purp-brn, calc, silty.
- 85 - 90 No Samples.
- 90 - 95 Sh, purp-brn, calc, hrd.
- 95 - 100 Sh, brn, calc., Ls, lt gry, sdy, pk Cht.
- 100 - 105 Sh, brn, calc, silty.
- 105 - 110 Sh, brn, calc, silty., Tr Ls, gry, dns.
- 110 - 115 Sh, rd-brn, calc.
- 115 - 120 Silt, rd-brn, calc.
- 120 - 125 Ls, rd-brn, dns., Silt, rd-brn, calc.
- 125 - 135 Sh, brn, calc, hrd.
- 135 - 140 Sh, brn, calc, hrd., Tr Ls, gry, dns, pk Cht.
- 140 - 145 Sh, purp-brn, calc, silty, hrd.

- 145 - 150 Sh, purp-brn, calc, silty, hrd., Ls, lt gry, dns.
- 145 - 165 Sh, purp-brn, calc, silty, hrd.
- 165 - 175 Sh, brn, calc, hrd, silty.
- 175 - 185 Sh, purp-brn, calc, silty, hrd.
- 185 - 195 Sh, brn, calc, silty, hrd.
- 195 - 200 Sh, brn, calc, silty., Ls, purp-brn, dns, silty.
- 200 - 205 Sh, brn, calc, silty.
- 205 - 215 Sh, purp-brn, calc, hrd, silty.
- 215 - 220 Sh, purp-brn, calc, hrd, silty., Ls, med gry, dns, tight.
- 220 - 225 Ls, purp-gry, dns, shy.
- 225 - 230 Ls, dk gry, dns, silty.
- 230 - 235 Ls, med gry, dns, pk Cht.
- 235 - 245 Ls, lt/med gry, dns, brn/pk Cht., Tr Sh, brn-rd.
- 245 - 255 Ss, purp, gry, vfg, silty, v calc, tite., Silt, purp-brn, calc.
- 255 - 260 Ls, med gry, dns, silty, foss, tight, pk Cht.
- 260 - 265 Ss, brn, vfg, fri, v calc, v silty.
- 265 - 275 Silt, brn, sdy, v calc, sft.
- 275 - 280 Sh & Silt, brn, bent, sft.
- 280 - 285 Sh & Silt, purp-brn, hrd, v calc., Tr SS, wh, fg, ang, tight.
- 285 - 288 Bent, lt grn-gry.

Trip to change bit.

- 290 - 300 Ss, wh, lt gry, fg, subrd, v calc, tight., thin stringers
Ls, lt gry, dns, sdy. No Shows.
- 300 - 305 Ss, lt/dk gry, fg, subrd, v calc, tight, NS., Ls As Above.
- 305 - 310 Ss, lt gry As Above. Ls As Above. NS.
- 310 - 315 Ls, lt gry, dns, some sdy, slty foss; tr pk Cht; NS, tight.
- 315 - 330 Silt, purp-brn, rd-brn, calc, sdy; Thin Ls strgs, lt gry,
dns, pk Cht.
- 330 - 335 Silt As Above (50%); Ls, lt/med gry, dns, some silty/sdy,
tr pk Cht. NS.

335 - 340 Silt As Above (70%); Ls As Above, becoming sdy, NS; Tr Ss, wh, gry, fg, fri.

Two Foot Samples.

340 - 342 Silt As Above (50%); Ls, med/dk gry, dns, silty, sft, NS; Tr dk gry Silt; Tr Ss, wh, fg.

342 - 352 Ls, lt gry, dns, sdy, pk Cht, NS, Tight; Tr dk gry Silt.

352 - 355 Ls, lt gry, dns/f xln, sdy, pk Cht., Sh, dk gry, hrd. NS.

Five Foot Samples.

355 - 360 Ls, lt gry, dns, sdy, pk/brn Cht. NS.

360 - 365 Ls As Above; Tr Silt, dk gry.

365 - 370 Tr Ls As Above; Silt, purp-brn, calc.

370 - 380 Ls, ol grn, csely xln, foss, tight, NS; Silt, purp-brn, calc.

380 - 395 Sh, brn, calc, silty, sft, bent?; Tr Silt & Ls As Above.

395 - 460 Sh, brn, calc, silty, sft. Drilling Break At 420 in Ls, lt gry, dns, sft, NS, tight.

460 - 470 Sh, brn, hrd, silty, some anhy inclusions; Tr Ls, gry, pk Cht.

470 - 475 Sh & Ls As Above. Poor sample.

475 - 480 Ls, med gry, med xyln, sdy/silty, foss. NS.

480 - 485 Ls As Above? Poor sample.

485 - 495 Ls, lt gry, dns, sdy, pk Cht. NS.

495 - 505 Ls, lt gry, dns, sdy, pk Cht (20%); Sh, med/dk gry, silty, calc.

505 - 510 Ls, lt gry, dns; Silt, purp, calc.

510 - 520 Silt, rd brn, calc; Tr Ls, lt gry, dns.

520 - 575 Silt, rd brn, calc.

575 - 580 Silt, brn, calc; Tr Ls, lt gry, dns, silty.

580 - 590 Ls, lt gry, dns, frag, foss.

590 - 595 Ls As Above; Silt, brn, calc.

595 - 610 Silt, brn, calc.

610 - 620 Silt, brn, calc; Ls, lt gry, dns, frag, slty foss.

620 - 630 Ls, lt gry, dns, frag, slty foss.

630 - 655 Ls, lt gry, dns/ vf xln, frag, foss, some sdy.
 655 - 660 Sh, blk, v calc.
 660 - 670 Ls, lt gry, dns/f xln, frag; Silt, dk gry.
 670 - 675 Ls As Ab; Silt & Sh, grn gry.
 675 - 685 Silt, rd brn, calc.
 685 - 695 Ls, gry brn, dns, silty.
 695 - 700 Ls As Ab; Sh, dk gry, silty.
 700 - 710 Ls, grn gry, dns, silty.
 710 - 720 Ls, ol grn, dns w/ tan Cht.
 720 - 735 Ls, dk gry, dns, silty, v shy, foss.
 735 - 740 Dol, dk brn, vf xln, limy, hrd.
 740 - 750 Ls, med/dk gry, dns, silty.
 750 - 755 Ls, lt brn, dns/vf xln, shy.
 755 - 760 Ls, lt gry, dns w/ wh Cht.
 760 - 765 Ls, lt/med gry, dns.
 765 - 775 Silt, rd brn; Ls, gry, dns.
 775 - 780 Ls, lt brn, dns.
 780 - 785 Ls, lt gry, dns/ vf xln, tan Cht.
 785 - 795 Dol, dk brn, dns/vf xln, shy; Tr Sh, v dk gry.
 795 - 800 Dol As Ab; Ls, lt gry, dns (50%).
 800 - 810 Ls, lt gry, brn, vf/f xln, silty; Sh, dk gry.
 810 - 820 Ls As Ab; Tr Sh, dk gry, silty.
 820 - 830 Ls, lt gry, lt brn, dns/vf xln, silty.
 830 - 840 Ls, lt brn, med gry, dns/vf xln, silty; Tr Sh, dk gry, calc.
 840 - 870 Ls, lt brn, lt gry, dns/vf xln, silty; Tr Sh, dk gry, calc.
 870 - 880 Ls, lt brn, vf xln, silty.
 880 - 890 Ls, lt brn, med gry, f xln; Sh, dk gry, silty, calc (60%).

- 890 - 895 Ls, lt gry, dns, sft; Sh, dk gry, calc (10%).
- 895 - 900 Sh, purp-brn, calc, v silty; some grn gry, silty.
- 900 - 905 Sh, brn, silty, calc; tr Sh, grn gry, calc.
- 905 - 910 Ls, lt brn, f xln, foss; Silt, lt grn, shy.
- 910 - 915 Ls, purp brn, f xln, silty.
- 915 - 920 Ls, brn, f xln, silty.
- 920 - 925 Ls, lt gry, dns, shy.
- 925 - 930 Ls, lt brn, frag, f/c xln.
- 930 - 935 Ls, lt brn, dns, frag; Sh, med gry, calc.
- 935 - 940 Sh, dk gry, calc, silty.
- 940 - 945 Sh, dk gry, calc, silty w/ brn Cht.
- 945 - 950 Ls, ol brn, dns/vf xln.
- 950 - 965 Ls, ol brn, dns/vf xln; Tr Sh, gry.
- 965 - 970 Ls, lt gry, dns/vf xln.
- 970 - 985 Ls, ol brn, dns/vf xln, silty w/tan Cht.
- 985 - 995 Ls, lt gry, dns, w/tan Cht.
- 995 - 1000 Ls, lt gry, frag, foss, w/tan Cht.
- 1000 - 1005 Ls, lt gry, vf xln, silty.
- 1005 - 1010 Ls, ol gry, frag, foss, silty/sdy.
- 1010 - 1015 Ls, lt brn, dns/vf xln, silty, tan Cht; Sh & Silt, gry (30%).
- 1015 - 1020 Ls, lt gry, lt brn, f xln, silty, foss, brn Cht; Sh, dk gry.
- 1020 - 1025 Ls, brn, f xln, w/tan Cht.
- 1025 - 1030 Dol, brn, f suc, w/tan & brn Cht, some silty.
- 1030 - 1040 Silt & Sh, dk gry (70%); Ls, lt gry, foss, frag, w/tan Cht.
- 1040 - 1050 Ls, lt gry, lt brn, dns, frag, foss, sdy, tan Cht; Tr Sh, blk.
- 1050 - 1060 Ls, lt brn, f xln, frag, silty; Cht, tan, trans (75%).

- 1060 - 1070 Ls, lt brn, dns/vf xln; Cht, tan (20%).
- 1070 - 1080 Ls, lt brn, dns/vf xln, silty, frag, tight, slty foss, w/tan Cht.
- 1080 - 1095 Ls, lt gry, lt brn, vf xln, frag, foss, occasional piece with brn, blk stn along frac plane, some sft, wh, porous Ls; some scatt dull, yell, fluor; Fr Sh, blk.
- 1095 - 1100 Ls, v lt brn, m/csealy xln, frag, foss; some blk dead oil along fracs; some dull yell, fluor; v slit cut.
- 1100 - 1115 Ls, lt gry, lt brn, f/c xln, scatt foss; some blk dead oil along fracs.
- 1115 - 1130 Ls, lt brn, dns/vf xln, frag, silty, slty foss; Silt, dk gry.
- 1130 - 1135 Ls, lt brn, dns/vf xln, slty foss.
- 1135 - 1140 Ls, brn dns/vf xln, frag, slty foss; Tr blk dead oil.
- 1140 - 1145 Ls As Ab w/tan Cht.
- 1145 - 1150 Ls, lt gry, dns/vf xln, frag, slty foss, some scatt pieces with brn stn; v slit cut.
- 1150 - 1151 Circ out drilling break from 12 to 14 minutes per foot to 5 minutes per foot.
Ls, lt gry, m xln, foss, scatt p/g interxln porosity with live grn brn oil in vugs; no saturation; some scatt v lt brn staining; dull yell to bright yell fluor.

Three foot depth correction after strapping pipe. Cut and recovered 8 3/4 feet of core from 1154 - 1162 3/4.

- 1154 - 1155 Ls, dk gry, vf xln, foss, f/excellent vug porosity, not interconnected (?); live grn brn oil in vugs; some vert fracs with live oil; spotty yell fluor (dull to bright); wet between vugs and tastes slightly salty; good oil odor when freshly broken but also smells of sulphur water.
- 1155 - 1156 Ls As Above, bleeding oil and water.
- 1156 - 1157 Ls, dk gry, vf xln, frac; few scatt vugs with live brn oil. Tight.
- 1157 - 1158 Ls, dk gry, vf xln, calcite filled fracs, some scatt vugs with sulphur xyls, tight; spotty dull to bright fluor.
- 1158 - 1160 Same as 1154 - 1155 but no visible fracs.
- 1160 - 1162 1/4 Ls, dk gry, vf xln, tight, slight odor.
- 1162 1/4 - 1162 3/4 Ls, dk brn blk, dns, tight.

CORING TIME

<u>DEPTH</u>	<u>TIME</u>
1154 - 1155	11 minutes/foot
1155 - 1156	11
1156 - 1157	13
1157 - 1158	10
1158 - 1159	7
1159 - 1160	8
1160 - 1161	15
1161 - 1162	17
1162 - 1162 3/4	30

1160 - 1165 Ls, lt brn, dns/vf xln, w/tan Cht.

1165 - 1170 Ls As Ab; Sh, blk, silty.

1170 - 1175 Ls, dk brn, vf xln; Sh, blk, silty.

1175 - 1180 Sh, blk, silty

1180 - 1185 Sh, blk, silty, slight oil and sulphur water odor.

1185 - 1200 Ls, lt gry, lt brn, dns/vf xln, sdy, slty foss.

1200 - 1210 Ls, lt brn, frag, v foss, poor oomoldic por, tr blk dead oil.

Core cut 30 minutes - Ls As Above.

1210 - 1220 Ls, lt brn, dns, frag, foss, p/f oomoldic por.

1220 - 1225 Ls As Ab, tight.

1225 - 1230 Ls, lt brn, dns, frag, foss.

1230 - 1235 Ls, lt brn, dns, frag, foss, some oolitic, tight.

1235 - 1240 Ls, lt/med brn, dns, frag.

1240 - 1245 Ls, lt/med brn, dns, frag, oolitic, slty foss, tight.

1245 - 1255 Ls, lt/med brn, dns.

- 1255 - 1260 Ls, lt/med brn, dns, silty; Silt, dk gry, calc.
- 1260 - 1275 Ls, dk brn, dns, frag, slty foss, silty; Tr Silt, dk gry.
- 1275 - 1280 Dol, lt gry, v sdy, tight.
- 1280 - 1295 Ls, lt gry, lt brn, dns, slty foss; frag.
- 1295 - 1300 Ls, wh, lt gry, dns, frag, foss w/lt Cht.
- 1300 - 1305 Ls, lt gry, lt brn, dns, slty foss, silty.
- 1305 - 1310 Ls, lt brn, dns, frag, slty foss; Sh, dk gry, calc, (20%).
- 1310 - 1315 Ls, lt gry, lt brn, dns, frag, slty foss.
- 1315 - 1320 Ls, lt brn, dns, frag, foss; Tr Sh, dk gry, calc.
- 1320 - 1340 Ls, lt gry, lt brn, dns, frag, slty foss, silty; Sh & Silt, dk gry, calc.
- 1340 - 1350 Ls, lt gry, lt brn, dns/vf xln; much dk brn Cht.
- 1350 - 1355 Dol, brn, vf xln, tight.
- 1355 - 1360 Ls, lt brn, dns, frag, foss, tight; Dol, brn, dns/vf xln, tight, yell fluor; slowly gives slight cut; approx 25% of sample is Dol.
- 1360 - 1365 Ls and Dol(10%) As Above.
- 1365 - 1370 Dol, lt brn, vf xln(90%) no shows; Ls, lt brn, dns, foss.
- 1370 - 1375 Dol, dk brn, vf xln, some silty and limy; Tr Ls As Above.
- 1375 - 1390 Ls, dk brn, vf xln, dolo, some silty, tr tan Cht.
- 1390 - 1400 Ls, dk brn, dns/vf xln, frag, slty foss.
- 1400 - 1410 Ls As Above becoming shy; Tr Sh & Silt, dk gry, blk.
- Circ out 25 minutes. Sh, blk, silty, fiss.
- 1410 - 1415 Sh, blk, silty.
- 1415 - 1420 Sh As Ab; Tr Ls, lt gry, v sdy, spotted brn stn?, some dull yell fluor, no cut.
- 1420 - 1425 Sh As Ab; Ls, dk brn, dns/vf xln, frag, slty foss, tight, NS.
- 1425 - 1430 Silt, dk gry; Dolo, brn, vf xln, anhydr, silty, tight, dull yell fluor, faint cut.
- 1430 - 1435 Ls, brn, dns, frag, foss, NS; Silt, dk gry; Anhy, wh, f xln.
- Circ out 30 minutes. Anhy, wh, v poor samples due to anhydrite.

PMB

CONFIDENTIAL

PLUGGING PROGRAM FORM

Name of Company Gordon Oil Company Verbal Approval Given To: _____

Well Name: Gordon Federal #1-23 Sec. 23 T. 40 S. R. 19 E. County: San Juan

Verbal Approval was given to plug the above mentioned well in the following manner:

Tops	455
Ismay	1030
Desert Creek	1185
Base of Desert Creek	1408
Akah	1413

1210-1220

1150-1160

#1 plug 1110-1250

#2 plug 405-505

10 sacks of cement in the casing

Date Verbally Approved: _____ Signed: _____

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.

Utah 053499

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gordon-Federal 1-23

9. WELL NO.

1-23

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 23,

T-40-S, R-19-E, Salt Lake Meridian, Utah.

12. COUNTY OR PARISH 13. STATE

San Juan Co. Utah

1. OIL WELL GAS WELL OTHER Dry Hole

2. NAME OF OPERATOR
Gordon Oil Company

3. ADDRESS OF OPERATOR
703 Citizens Bank Bldg., Abilene, Texas.

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.)
At surface 1980' FNL and 1980' FWL of Sec. 23,
T-40-S, R-19-E, Salt Lake Meridian, Utah; 660' FS&E lines
of NW/4 Sec. 23, 9 miles N. E. of Mexican Hat.

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
4764 Gnd; 4770 DF; 4773 DB

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

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

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

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

Notice of intention to plug as a dry hole was given by telephone on July 27, 1965, and authority and procedure in plugging was given by U. S. Geological Survey and Utah Oil & Gas Conservation Commission. Finished plugging well as of 1:00 AM, July 28, 1965 at a total depth of 1437 feet (Electric Log). Set first cement plug from 1210 to 1150 feet with 33 sacks. Second cement plug was set from 505 to 405 feet with 57 sacks. Third plug was 10 sacks of cement set in the top of the surface casing. Hole was also filled with heavy mud below and between plugs. Plugging Contractor was Dowell. Cemented 4" pipe, 10 feet long, in top of surface casing, with 6 feet in cement and 4 feet above ground with the top of 4" pipe and surface casing permanently sealed. Welded bead on 4" pipe above ground, which gives well number, location, operator, and name of lease. No significant gas or fluid bearing zones (water or otherwise) were encountered in the drilling of this hole. 50 feet of 8-3/4" surface casing only was left in the hole, which is cemented top to bottom. Sample Analysis and History of Well by Harold H. Brown, Geologist, Farmington, New Mexico, is included herewith. One core was taken in the Ismay Zone which is also described by H. H. Brown. IES and Gamma-Sonic logs were run by Schlumberger and are submitted herewith. Drilling and Plugging Bond is on file with the U. S. Department of Interior in the name of Lessee, United States Smelting Refining And Mining Company under above reference lease number. Drilling Contractor was Sargeant Oilfield Services of Farmington, New Mexico, and the rig was moved off location, and location cleared for final approval of abandonment on August 3, 1965.

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

SIGNED G. E. Busby TITLE Manager DATE August 4, 1965
G. E. Busby

(This space for Federal or State office use)

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



ORCHARD 4-1498

G O R D O N O I L C O M P A N Y

SUITE 703 CITIZENS BANK BUILDING - ABILENE, TEXAS

August 5, 1965

Mr. Cleon B. Feight
Executive Director,
Utah Oil And Gas Conservation Commission,
348 East South Temple, Suite 301,
Salt Lake City, Utah,

Dear Sir:

Enclosed are the following pertaining to the Gordon-Federal #1-23,
San Juan County, Utah:

1. Two copies of Dept. of Interior Form 9-330.
2. Two copies of Dept. of Interior Form 9-331.
3. Two copies of Geologist's Sample Analysis, Tops, Core Data,
and Well History.

Two copies of the Electric Logs have already been mailed to "Utah
State, 10 Exchange Place, Salt Lake City, Utah" directly from Schlum-
berger.

If there is additional information required, please notify us.

Sincerely,

GORDON OIL COMPANY

G. E. Busby
G. E. Busby

'GEB