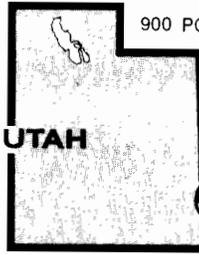


OIL DEVELOPMENT COMPANY OF UTAH



A SANTA FE INDUSTRIES COMPANY

Amarillo, June 1, 1973

Division of Oil & Gas
State of Utah
1588 W. Temple, N.
Salt Lake City, Utah 84111

Gentlemen:

Attached please find Form DOGC-1a, application for Permit to Drill, covering our Gordon Flats Unit No. 16-1 in Wayne County, Utah. We are also sending a map of the area showing access roads to the location and a plat.

This location is less than 500 feet from a governmental quarter-quarter section subdivision line, but since we hold all oil and gas leases within 660 feet of the proposed location, we hereby request an exception to State Rule C3 (b) as provided for in section (C) (2) of that same rule.

Sincerely yours,

F. Wayne Kelly
General Superintendent

RB:ds
Attachments

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

5. Lease Designation and Serial No.

ML-24935

6. If Indian, Allottee or Tribe Name

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

7. Unit Agreement Name

Gordon Flats Unit

8. Farm or Lease Name

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

Oil Development Company of Utah

3. Address of Operator

900 Polk, Amarillo, Texas 79171

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

At surface
SW SE; 660' FSL & 1760' FEL

At proposed prod. zone

same as above

9. Well No.

16-1

10. Field and Pool, or Wildcat

Wildcat

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

Sec. 16, T-30S, R-16E, SLB&M

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

35 miles east of Hanksville, Utah

12. County or Parrish 13. State

Wayne Utah

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

600'

16. No. of acres in lease

320

17. No. of acres assigned to this well

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

no others

19. Proposed depth

2000

20. Rotary or cable tools

Rotary

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

6286' GR

22. Approx. date work will start*

6-8-73

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9"	7 5/8"	24#	80'	circulate
6 3/4"	4 1/2"	9.5#	2000'	150 sx

Drilling & testing as follows:

1. Air drill to 80'. Set and cement 7 5/8" conductor pipe.
2. Air drill to top of White Rim Formation (1450') and core White Rim with air.
3. Drill to total depth, run log and move out drilling rig.
4. Move in completion rig and bail fluid samples.
5. Run and cement 4 1/2" casing if testing warrants.

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 J. Wayne Kelly Title General Superintendent Date 6-1-73

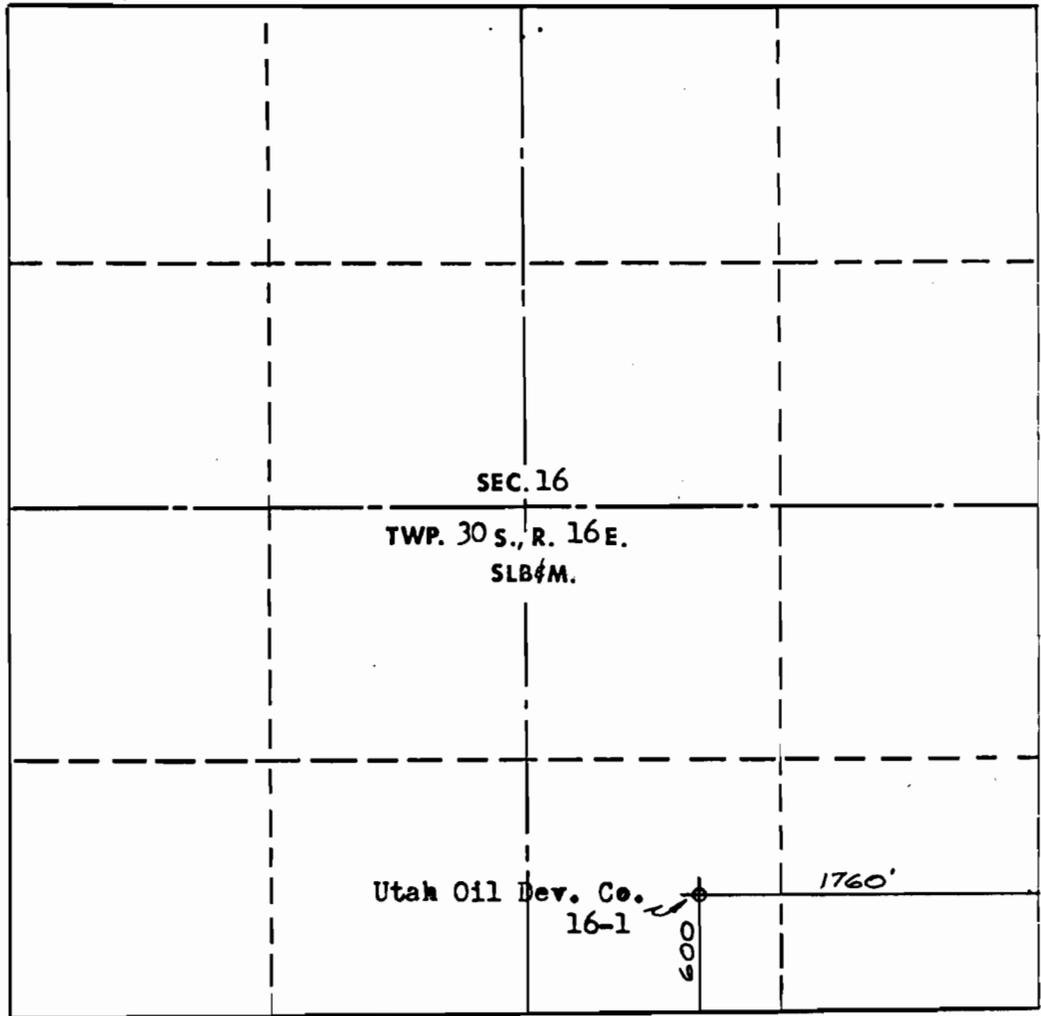
(This space for Federal or State office use)

Permit No. 43-055 30015 Approval Date

Approved by _____ Title _____ Date _____
Conditions of approval, if any:



SCALE: 1" = 1000'



SURVEYORS CERTIFICATE

I, GEORGE H. NEWELL A REGISTERED LAND SURVEYOR AS PRESCRIBED BY THE LAWS OF THE STATE OF UTAH, HOLDING LICENSE NO. 1770, CERTIFY THAT THIS PLAT OF:

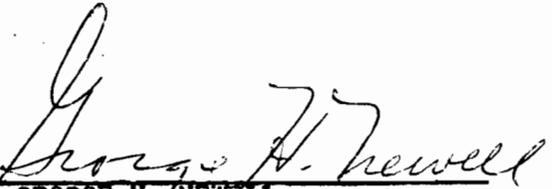
UTAH OIL DEVELOPMENT COMPANY 16 - 1

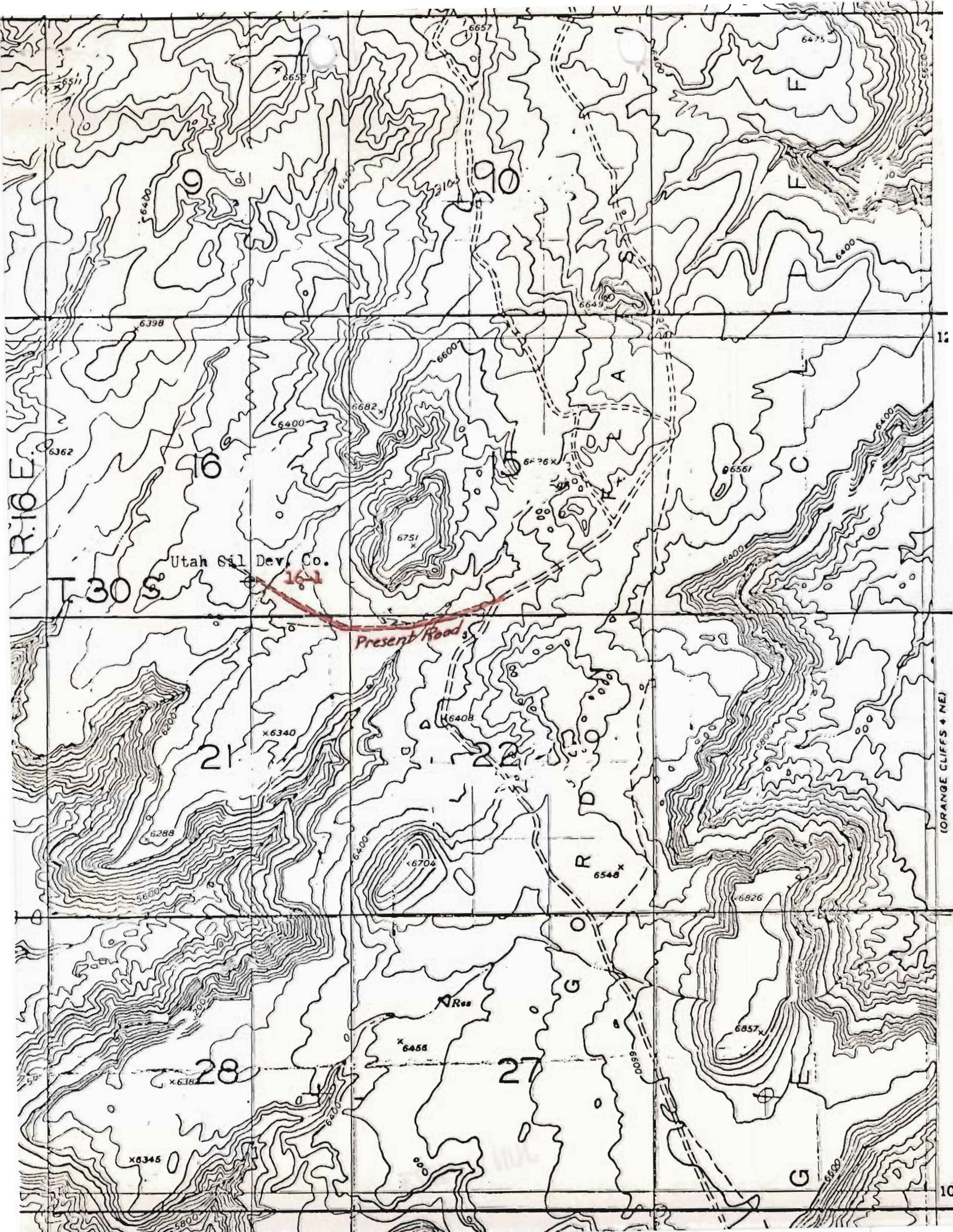
AND MORE SPECIFICALLY DESCRIBED AS FOLLOWS:

600 feet North of the South Line and 1760 feet West of the East Line of Section 16, T. 30 S., R. 16 E., SLB&M. Ground Line Elevation 6286.

IS TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.

DATE May 25, 1973


GEORGE H. NEWELL



RICE

Utah Sil Dev. Co.

ORANGE CLIFFS + NEI

T 30 S

21

28

90

22

27

Present Road

6400

6398

6362

16

6400

6682

6751

x6340

6288

6400

6704

6408

6546

Res

x6456

x6345

5800

6000

6551

6400

6826

6857

6600

6600

G

R

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10

CORE ANALYSIS RESULTS FOR
OIL DEVELOPMENT COMPANY OF UTAH
NO. 16-1 GORDON FLATS UNIT
WILDCAT
WAYNE COUNTY, UTAH

85
PMB

CORB
CORPORATION

CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
 DALLAS, TEXAS

Company OIL DEVELOPMENT COMPANY OF UTAH Formation WHITE LIM Page 1 of 3
 Well GORDON FLATS UNIT NO. 16-1 Cores DIAMOND 3.5" File PP-2-1515
 Field WILDCAT Drilling Fluid AIR Date Report 7-1-73
 County WAYNE State UTAH Elevation 6243'KB Analysts RG:RM
 Location 660'FSL 1760'FEL SEC 16-T30S-R16E Remarks CONVENTIONAL CORE ANALYSIS

CORE ANALYSIS RESULTS
(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCS		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS	VERT. PERM. MD.
		(3)	(4)		OIL % VOLUME % PORE	TOTAL WATER % PORE			
		KA							
1	1474-75	16	18	13.2	3.4	6.8	Sd Tn Fn Grn Sl/Clay		
2	75-76	0.29	0.77	9.7	8.5	9.7	Sd Tn-Gy Fn-Med Grn Sl/Clay		
3	76-77	1.2	1.2	14.2	3.1	6.3	Sd Wh-Tn Fn Grn Sl/Clay		
4	77-78	3.1	4.8	12.0	17.6	5.9	Sd Tn Fn Grn Sl/Clay		
5	78-79	17	17	11.8	6.8	3.9	Sd Gy-Tn Fn Grn Sl/Clay		
6	79-80	2.0	1.9	13.0	3.5	5.2	Sd Wh Fn-Med Grn Sl/Clay		
7	80-81	2.0	2.9	13.2	17.4	5.2	Sd Wh-Tn Fn-Med Grn Sl/Clay		
8	81-82	0.26	0.63	13.6	15.0	3.3	Sd Tn-Gy Fn Grn Sl/Clay		
9	82-83	73	75	17.8	14.8	2.5	Sd Gy-Tn V/Fn Grn-Fn Grn		
10	83-84	1.3	1.6	12.3	1.8	11.1	Sd Wh Fn Grn Sl/Clay		
11	84-85	0.53	0.93	8.6	0.0	24.9	Sd Wh Fn Grn Clay		
12	85-86	2.2	2.8	10.4	0.0	13.4	Sd Wh Tn Grn Clay		
13	86-87	72	72	17.0	18.3	2.6	Sd Tn-Gy Fn Grn		
14	87-88	2.7	3.1	11.2	0.0	10.3	Sd Wh Fn Grn Clay		
15	88-89	168	180	21.9	18.2	2.9	Sd Gy-Tn Fn Grn		
16	89-90	290	284	23.3	16.9	3.6	Sd Gy-Tn Fn Grn	284	
17	90-91	459	459	24.7	18.3	3.3	Sd Gy-Tn Fn Grn	563	
18	91-92	667	667	25.0	14.6	2.4	Sd Gy-Tn Fn Grn Sl/Clay	879	
19	92-93	349	362	20.7	22.7	3.1	Sd Gy-Tn Fn Grn Sl/Clay	404	
20	93-94	135	143	17.8	27.6	5.0	Sd Gy-Tn Fn-Med Grn Sl/Clay	21	
21	94-95	354	369	21.2	26.5	4.1	Sd Gy-Tn Fn-Med Grn Sl/Clay	313	
22	95-96	643	643	19.4	24.6	3.4	Sd Tn Fn-Med Grn Clay	637	
23	96-97	472	572	22.9	20.8	2.7	Sd Tn Fn-Med Grn Clay	590	
24	97-98	4.5	72	15.9	58.6	8.8	Sd Tn Fn-Med Grn Silic	62	
25	98-99	149	158	17.1	30.4	4.0	Sd Tn Fn Grn Silic	1.	
26	1499-00	244	248	17.1	27.8	5.3	Sd Tn Fn Grn Sl/Clay	22	
27	1500-01	17	22	16.2	32.8	7.1	Sd Tn V/Fn Grn-Fn Grn Sl/Clay	20	
28	01-02	135	146	16.5	30.2	4.1	Sd Tn Fn-Cse Grn	11	
29	02-03	269	274	20.3	19.0	5.3	Sd Tn Fn Grn Sl/Clay	262	
30	03-04	1320	1275	24.1	12.6	2.5	Sd Tn Fn Grn	1390	
31	04-05	115	115	20.4	26.6	2.1	Sd Tn Fn Grn Sl/Clay	128	
32	05-06	516	516	24.4	18.6	1.7	Sd Tn Fn Grn Sl/Pyritic	549	
33	06-07	603	603	25.0	21.4	1.6	Sd Tn Fn Grn Sl/Pyritic	632	
34	07-08	430	437	22.2	17.8	2.8	Sd Tn Fn Grn Sl/Pyritic	426	
35	08-09	437	472	22.4	17.8	1.9	Sd Tn Fn Grn Sl/Pyritic	549	
36	09-10	232	263	20.8	27.9	5.2	Sd Tn Fn Grn Sl/Pyritic	97	
37	10-11	506	548	20.9	22.6	3.1	Sd Tn Fn Grn Sl/Pyritic	210	
38	11-12	445	481	26.1	24.7	3.2	Sd Tn Fn Grn Sl/Pyritic	134	

NOTE: (3) Before Oil Extraction (4) After Oil Extraction
 (*) REFER TO ATTACHED LETTER. (2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS
 (1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

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CORE LABORATORIES, INC.

Petroleum Reservoir Engineering

DALLAS, TEXAS

Company OIL DEVELOPMENT COMPANY OF UTAH Formation WHITE LIM Page 2 of 3
 Well GORDON FLATS UNIT NO. 16-1 Cores DIAMOND 3.5" File PP-2-4515
 Field WILDCAT Drilling Fluid AIR Date Report 7-4-73
 County WAYNE State UTAH Elevation 6243'KB Analysts RG:EM
 Location 560'FSL 1760'FEL SEC 16-T30S-R16E Remarks CONVENTIONAL CORE ANALYSIS

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

VERT. PERM.

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCYs		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS	
		(3)	(4)		OIL % VOLUME	TOTAL WATER % PORE			
		K _A							
39	1512-13	1475	1510	26.6	16.7	3.0	Sd Tn Fn-Med Grn Sl/Pyritic	1265	
40	13-14	713	747	26.6	19.0	3.0	Sd Tn Fn-Med Grn Sl/Pyritic	879	
41	14-15	549	570	25.5	22.2	3.3	Sd Tn Fn-Med Grn Sl/Pyritic	633	
42	15-16	1380	1485	27.5	18.1	2.9	Sd Tn Fn-Med Grn Sl/Pyritic	1890	
43	16-17	1450	1490	26.3	21.0	2.3	Sd Tn Fn-Med Grn Sl/Pyritic	1750	
44	17-18	792	955	26.8	20.6	5.3	Sd Tn Fn-Med Grn Sl/Pyritic	960	
45	18-19	648	732	26.0	20.3	2.3	Sd Tn Fn-Med Grn Sl/Pyritic	886	
46	19-20	971	1070	25.9	19.7	3.1	Sd Tn Fn-Med Grn Sl/Pyritic	1035	
47	20-21	1780	1890	26.4	19.9	2.3	Sd Tn Med Grn Sl/Pyritic	2200	
48	21-22	486	529	22.5	25.6	2.8	Sd Tn Fn Grn Sl/Silic	597	
49	22-23	1055	1135	26.2	17.7	1.5	Sd Tn Fn Grn	1360	
50	23-24	620	739	25.4	27.7	2.4	Sd Tn Fn-Med Grn	840	
51	24-25	806	898	22.7	28.2	1.9	Sd Tn Fn Grn	913	
52	25-26	1330	1520	26.4	20.8	1.5	Sd Tn Fn-Med Grn	1785	
53	26-27	405	895	26.1	51.1	3.2	Sd Tn Fn Grn	1165	
54	27-28	9.0	676	27.7	67.1	2.3	Sd Tn Fn-Med Grn	769	
55	28-29	0.24	310	27.6	80.1	2.4	Sd Tn Fn Grn Sl/Silic	535	
56	29-30	0.21	776	27.6	81.9	2.5	Sd Tn Fn-Med Grn	1155	
57	30-31	0.62	145	20.9	76.9	3.3	Sd Tn Fn Grn Silic	2.5	
58	31-32	0.16	397	21.8	76.8	5.3	Sd Tn Med Grn Silic	535	
59	32-33	0.76	46	18.2	73.8	5.2	Sd Tn Fn-Cse Grn Silic	1.2	
60	33-34	103	107	17.9	22.6	5.0	Sd Tn Fn Grn Sl/Silic	12	
61	34-35	332	332	21.4	21.0	3.0	Sd Tn V/Fn Grn-Fn Grn	319	
62	35-36	622	628	23.5	16.2	2.7	Sd Tn V/Fn-Fn Grn Sl/Clay	961	
63	36-37	421	435	26.2	23.7	5.5	Sd Tn Fn Grn Sl/Clay	435	
64	37-38	911	952	23.0	23.0	2.8	Sd Tn Fn Grn Sl/Clay	952	
65	38-39	112	131	20.7	34.4	9.7	Sd Tn Fn-Med Grn Sl/Silic	62	
66	39-40	89	85	17.7	1.2	8.6	Sd Wh Fn Grn Silic Clay	1.	
67	40-41	292	277	22.0	7.6	1.9	Sd Tn Fn-Med Grn Sl/Clay	57	
68	1541.5-42	947	933	20.4	26.8	5.4	Sd Tn Fn-Med Grn Clay	975	
69	42-43	1310	1310	24.8	13.9	1.6	Sd Tn Fn-Med Grn Sl/Clay	1920	
70	43-44	990	1015	24.9	18.0	1.6	Sd Tn Fn-Med Grn Sl/Silic	1165	
71	44-45	1075	1090	25.4	15.0	1.6	Sd Tn Fn-Med Grn Sl/Clay	1045	
72	45-46	777	784	24.4	14.2	1.7	Sd Tn Fn-Med Grn Sl/Clay	735	
73	46-47		25	13.2	0.0	6.9	Sd Wh Fn Grn Clay		
74	47-48		12	13.2	0.0	6.8	Sd Wh V/Fn-Fn Grn Clay		
75	48-49		11	14.9	0.0	8.9	Sd Wh V/Fn-Fn Grn Clay		
76	49-50		190	18.8	0.0	4.6	Sd Wh Fn-Med Grn Clay		

NOTE: (3) Before Oil Extraction (4) After Oil Extraction
 (*) REFER TO ATTACHED LETTER. (2) OF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS
 (1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

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CORE LABORATORIES, INC.
Petroleum Reservoir Engineering
DALLAS, TEXAS

Company OIL DEVELOPMENT COMPANY OF UTAH Formation WHITE RIM Page 3 of 3
Well GORDON FLATS UNIT NO. 16-1 Cores DIAMOND 2.5" File PP-2-1515
Field WILDCAT Drilling Fluid AIR Date Report 7-4-73
County WAYNE State UTAH Elevation 6243'KB Analysts EG:EM
Location 660'FSL1760'FEL SEC 16-T30S-R16E Remarks CONVENTIONAL CORE ANALYSIS

CORE ANALYSIS RESULTS

(Figures in parentheses refer to footnote remarks)

SAMPLE NUMBER	DEPTH FEET	PERMEABILITY MILLIDARCY		POROSITY PERCENT	RESIDUAL SATURATION		PROBABLE PRODUCTION	REMARKS
		HORIZONTAL	VERTICAL		OIL % VOLUME % PORE	TOTAL WATER % PORE		
								(4)
77	1550-51		26	15.5	0.0	7.2	Sd Wh Fn-Med Grn Clay	
78	51-52		22	17.2	0.0	7.6	Sd Wh Fn Grn Clay	
79	52-53		71	16.7	0.0	6.5	Sd Wh Fn Grn Clay	
80	53-54		133	20.4	0.0	5.1	Sd Wh Fn Grn Clay	
81	54-55		253	21.6	0.0	1.9	Sd Wh Fn Grn Clay	
82	55-56		355	19.0	0.0	2.2	Sd Wh Fn Grn Clay	
83	56-57		183	16.2	0.0	2.7	Sd Wh Fn Grn Clay	
84	57-58		830	25.0	0.0	1.6	Sd Wh Fn-Med Grn Clay	
85	58-59		835	23.8	0.0	1.7	Sd Wh Fn-Med Grn Clay	
86	59-60		180	21.1	0.0	2.9	Sd Wh Fn-Med Grn Clay	
87	1562-63		337	23.4	0.0	6.9	Sd Wh Fn-Med Grn Clay	
88	1564-65		3.3	14.0	0.0	8.1	Sd Wh Fn Grn Silic Clay	
89	1568-67		7.3	13.7	0.0	16.7	Sd Wh Fn Grn Clay	
90	1568-69		3.7	11.8	0.0	7.8	Sd Wh Fn Grn Clay	
91	1570-71		18	18.2	0.0	22.9	Sd Wh Fn Grn Clay	
92	1572-73		50	16.7	0.0	10.5	Sd Wh Fn Grn Clay	
93	1574-75		60	16.4	0.0	13.5	Sd Wh Fn Grn Clay	
94	1576-77		54	18.8	0.0	4.5	Sd Wh Fn Grn Clay	
95	1578-79		95	22.4	0.0	9.2	Sd Wh Fn Grn Clay	
96	1580-81		90	23.8	0.0	19.1	Sd Wh Fn Grn Clay	
97	1582-83		95	17.0	0.0	6.4	Sd Wh Fn Grn Sl/Silic Clay	
98	1584-85		58	20.0	0.0	14.6	Sd Wh Fn Grn Clay	
99	1586-87		63	18.8	0.0	10.3	Sd Wh Fn Grn Clay	
100	1588-89		83	14.7	0.0	4.6	Sd Wh Fn Grn Clay	
101	1590-91		83	18.7	0.0	15.0	Sd Wh Fn Grn Clay	
102	1592-93		41	18.7	0.0	13.9	Sd Wh Fn Grn Clay	

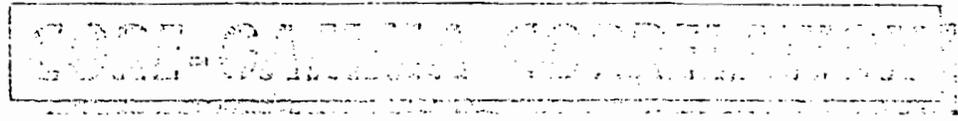
NOTE:

- (*) REFER TO ATTACHED LETTER.
(1) INCOMPLETE CORE RECOVERY—INTERPRETATION RESERVED.

(2) OFF LOCATION ANALYSES—NO INTERPRETATION OF RESULTS

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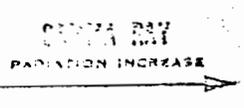
AMERICAN OIL DEVELOPMENT COMPANY OF UTAH, INC. WILDCAT FILE RP-2-1515
 COREON FLATS UNIT NO. 16-1 COUNTY WAYNE DATE 7-4-73
 LOCATION: 660' FSL 1760' FEL SEC. 16-T30S STATE UTAH ELEV. 6298' KB
 -R16E



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VERTICAL SCALE: 5" = 100'

CORE-CAMMA SURFACE LOG
 (INCENT APPLIED FOR)



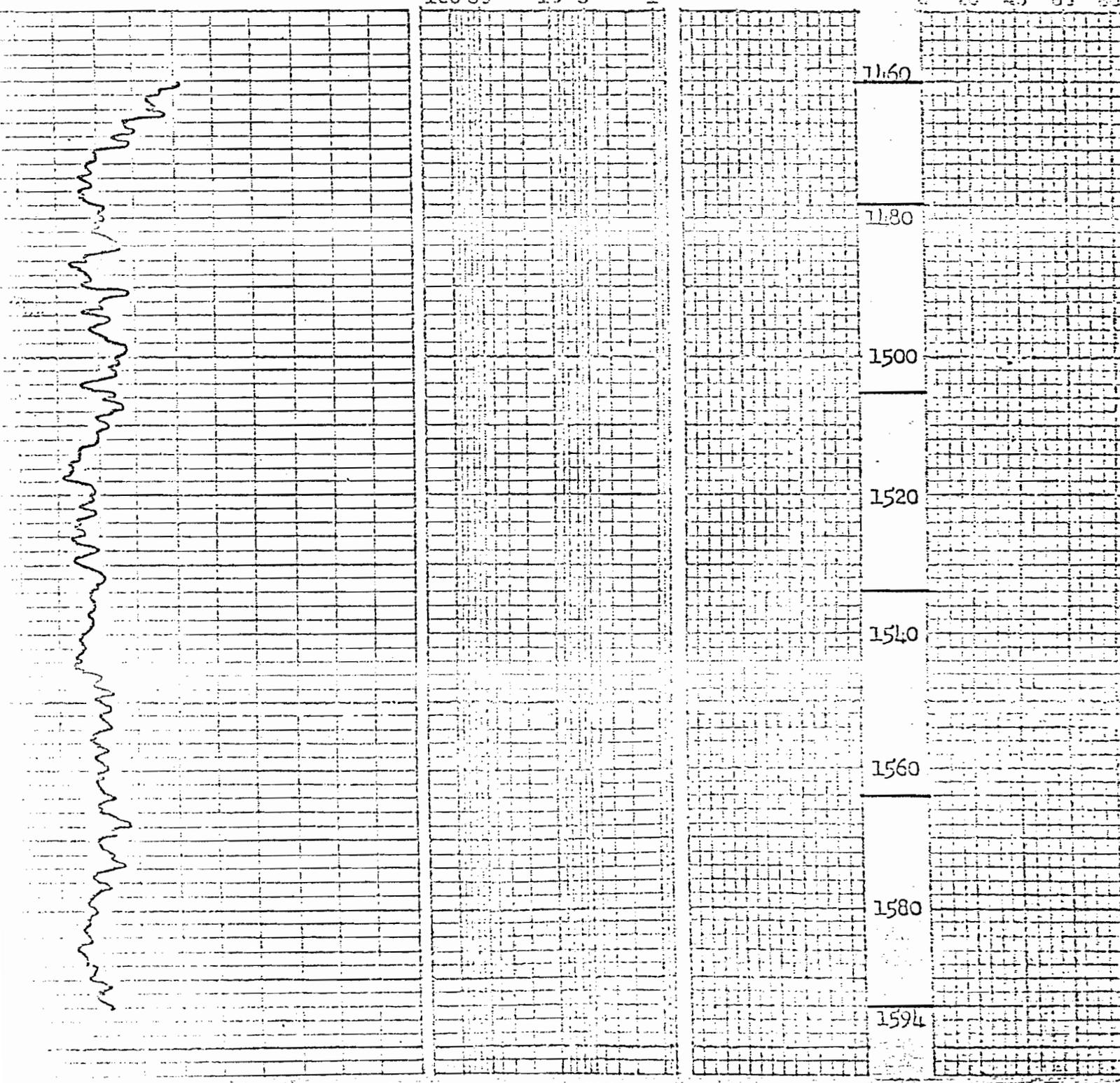
CORREGRAPH

TOTAL WATER _____
 PERCENT TOTAL WATER
 80 60 40 20

PERMEABILITY _____
 MILLIDARYS
 100 50 10 5 1

POROSITY _____
 PERCENT

OIL SATURATION _____
 PERCENT PORE SPACE
 80 60 40 20



FILE NOTATIONS

Entered in File
Locs
Card Indexed

Checked by Chief *JWB*
Approval Letter *6.6.73*
Disapproval Letter

COMPLETION DATA:

Date Well Completed *6-26-73*
OW..... VW..... TA.....
GW..... OS..... PA.....

Location Inspected
Bond released
State or Fee Land

LOGS FILED

Driller's Log.....
.....
E..... GR-N..... Micro.....
.....
CBLog..... CCLog..... Others.....

June 6, 1973

Oil Development Company of Utah
900 Polk Street
Amarillo, Texas 79171

Re: Well No. Gordon Flats Unit #16-1
Sec. 16, T. 30 S, R. 16 E,
Wayne County, Utah

Gentlemen:

Insofar as this office is concerned, approval to drill the above referred to well is hereby granted in accordance with Rule C-3(c), of the 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:

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation relative to the above will be greatly appreciated.

The API number assigned to this well is 43-055-30015.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sd

6/25/73

MS

Tracy ~~Stagner~~ Stagner

State

Oil Dev. - Gordon 7 late tract 16-1

sec 16 T 30S 1916 E

T.P. - 1096 - ~~White Perm~~ Well back test

Organ Rock - 1008 - No d

↳ if no fluid
Spec 6 & H

White Perm - 1411 - Core had oil - 25% of 40-50% S.

Wenhope - 1008

14' core
↳ not dead oil

Charlie - 508

Wingate - 1500

96' of surface pipe - 7 7/8" - Cement to surface

air drilled into White Perm

↓
Cored - some seeped
from Wingate.
air mist

(1) 100' cement plug
across top of White Perm.

1301 - 1401

(2) Bore of Wingate → ~ 508 = 100' plug - top of Charlie

(3) ~~seepage across top of~~
25' in & 25' out of surface pipe.

(4) 5-10' at surface marker

or fill
oil of pipe + 75' out fresh water between plug → no pressure
no mud or locater

UNITED STATES DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPLICATE
(Other instructions on reverse side)

Form approved.
Budget Bureau No. 42-R1424.

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT--" for such proposals.)

1. OIL WELL GAS WELL OTHER dry hole

2. NAME OF OPERATOR
Oil Development Company of Utah

3. ADDRESS OF OPERATOR
900 Polk, Amarillo, Texas 79171

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*
See also space 17 below.)
At surface
SW SE; 660' FSL & 1760' FEL, Section 16

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)
6286' GR.

5. LEASE DESIGNATION AND SERIAL NO.
ML-24935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME
Gordon Flats Unit

8. FARM OR LEASE NAME

9. WELL NO.
16-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec. 16, T-30S, R-16E, SLB&M

12. COUNTY OR PARISH
Wayne

13. STATE
Utah

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF	<input type="checkbox"/>	PULL OR ALTER CASING	<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	MULTIPLE COMPLETE	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	ABANDON*	<input checked="" type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	CHANGE PLANS	<input type="checkbox"/>
(Other)			

SUBSEQUENT REPORT OF:

WATER SHUT-OFF	<input type="checkbox"/>	REPAIRING WELL	<input type="checkbox"/>
FRACTURE TREATMENT	<input type="checkbox"/>	ALTERING CASING	<input type="checkbox"/>
SHOOTING OR ACIDIZING	<input type="checkbox"/>	ABANDONMENT*	<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.)*

It is our intention to plug and abandon this non-productive well 6-26-73 by pumping cmt plugs as follows:

1360-1460	22 sx
570-445	22 sx
125-surface	23 sx

Place fluid between all plugs.
Set dry hole marker.

APPROVED BY DIVISION OF
OIL & GAS CONSERVATION

DATE 7-9-73
BY Paul Bushnell

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

SIGNED Jay D. Meehan TITLE Chief Engineer DATE 7-2-73

(This space for Federal or State office use)

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

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

REPORT OF WATER ENCOUNTERED DURING DRILLING

Well Name and Number Gordon Flats Unit No. 16-1
Operator Oil Development Company of Utah
Address 900 Polk Street, Amarillo, Texas 79171
Contractor Rod Huskey/dba Gunnison Drilling Co.
Address Grand Junction, Colorado
Location SW 1/4, SE 1/4, Sec. 16, T. 30 N., R. 16 E., Wayne County.
S. N.

Water Sands: None encountered

	Depth:		Volume:	Quality:
	From -	To -	Flow Rate or Head -	Fresh or Salty -
1.	_____	_____	_____	_____
2.	_____	_____	_____	_____
3.	_____	_____	_____	_____
4.	_____	_____	_____	_____
5.	_____	_____	_____	_____

(Continue on Reverse Side if Necessary)

Formation Tops:

Moenkopi	1008'
Sinbad	1316'
White Rim	1411'
Organ Rock	1608'

- NOTE:
- (a) Upon diminishing supply of forms, please inform this office.
 - (b) Report on this form as provided for in Rule C-20, General Rules and Regulations and Rules of Practice and Procedure, (see back of this form)
 - (c) If a water quality analysis has been made of the above reported zone, please forward a copy along with this form.

**UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY**

SUBMIT IN DUPLICATE

(See other In-
structions on
reverse side)

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

15

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 P&A

2. NAME OF OPERATOR
Oil Development Company of Utah

3. ADDRESS OF OPERATOR
900 Polk Street, Amarillo, Texas 79171

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
 At surface SW SE; 660' FSL & 1760' FEL, Section 16
 At top prod. interval reported below
 At total depth same as above

14. PERMIT NO. _____ DATE ISSUED 6-6-73

5. LEASE DESIGNATION AND SERIAL NO.
ML-24935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME _____

7. UNIT AGREEMENT NAME
Gordon Flats Unit

8. FARM OR LEASE NAME _____

9. WELL NO.
16-1

10. FIELD AND POOL, OR WILDCAT
Wildcat

11. SEC., T., R., M., OR BLOCK AND SURVEY OR AREA
Sec 16, T-30S, R-16E, SLB&M

12. COUNTY OR PARISH Wayne 13. STATE Utah

15. DATE SPEUDED 6-15-73 16. DATE T.D. REACHED 6-20-73 17. DATE COMPL. (Ready to prod.) P&A 6-26-73 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* 6298' RKB 19. ELEV. CASINGHEAD 6286'

20. TOTAL DEPTH, MD & TVD 1676' 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY _____ ROTARY TOOLS 0 to TD CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* _____ 25. WAS DIRECTIONAL SURVEY MADE NO

26. TYPE ELECTRIC AND OTHER LOGS RUN Gamma Ray 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
7 5/8"	24	109'	11"	20 sx common	None

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
1360'-1460'	22 sx cement plug
570'-445'	22 sx cement plug

33.* PRODUCTION

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

Dry hole

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 _____

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

SIGNED J. Wayne Kelly TITLE General Superintendent DATE 7-5-73

*(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.

JUL 9

38.

GEOLOGIC MARKERS

NAME	TOP	
	MEAS. DEPTH	TRUE VERT. DEPTH
Wingate	180'	same
Chinle	508'	"
Shinarump	875'	"
Moenkopi	1008'	"
Sinbad	1316'	"
White Rim	1411'	"
Organ Rock	1608'	"

July 18, 1973

Oil Development Company of Utah
900 Polk Street
Amarillo, Texas 79171

Re: Well No. Gordon Flats Unit #16-1
Sec. 16, T. 30 S, R. 16 E,
Wayne County, Utah

Well No. Gordon Flats Unit #19-1
Sec. 19, T. 30 S, R. 16 E,
Wayne County, Utah

Gentlemen:

This letter is to advise you that the electric and/or radioactivity logs for the above mentioned wells are due and have not been filed with this office as required by our rules and regulations.

If electric and/or radioactivity logs were not run, please make a statement to that effect in order to keep our records accurate and complete.

Thank you for your cooperation in this request.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SCHEREE DEROSE
SUPERVISING STENOGRAPHER

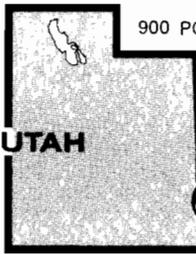
sd

61

21

900 POLK STREET, DALLAS, TEXAS 75101 • PHONE 806/376-5131

OIL DEVELOPMENT COMPANY OF UTAH



A SANTA FE INDUSTRIES COMPANY

July 24, 1973

State of Utah
Department of Natural Resources
Division of Oil & Gas Conservation
1588 West North Temple
Salt Lake City, Utah 84116

Gentlemen:

Enclosed please find copies of electric logs on Gordon Flats Wells No. 16-1, 19-1, 22-1 and 27-1. Also enclosed are copies of core reports on Wells No. 19-1 and 16-1.

Sincerely yours,

Ron Bolton
Engineering Clerk

RB:jm
Encls.

cc: U. S. Geological Survey
Salt Lake City, Utah - w/Encls.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 42-R424.

5. LEASE DESIGNATION AND SERIAL NO.

ML-24935

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gordon Flats Unit

8. FARM OR LEASE NAME

9. WELL NO.

16-1

10. FIELD AND POOL, OR WILDCAT

Wildcat

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

Sec. 16, T-30S, R-16E,

SLB&M

12. COUNTY OR PARISH

Wayne

13. STATE

Utah

1.

OIL WELL GAS WELL OTHER Dry Hole

2. NAME OF OPERATOR

Oil Development Company of Utah

3. ADDRESS OF OPERATOR

900 Polk Street, Amarillo, Texas 79171

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

SW SE; 660' FSL & 1760' FEL, Section 16

14. PERMIT NO.

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

6298' RKB

16.

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

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACTURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

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

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

This test proved to be a dry hole and was plugged and abandoned on 6-26-73 by pumping cement plugs as follows:

1360-1460' 22 sx

570-445' 22 sx

125'-surf 23 sx

Placed fluid between all plugs.

Set dry hole marker.

7-30-73: Location cleaned and reseeded with crested wheat. Ready for inspection.

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

SIGNED

J. T. Stegner

TITLE

Petroleum Engineer

DATE

July 25, 1973

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

W

P5

Tracy Stearns

10/2/73

Oil Pool at E of State
Amarillo, Texas

Ward's Lab - Sagadahoc - Wayne Co.
State #1

see 16

- 7. P. 1103 in state #1
- White Sand in 1100
- Wagon 1080
- Charlie 211
- Wingate 205 - surface pipe covered
- 5' set at 1103 - no recovery

sufficient to run in bitumen
run

① 8" min of oil sand plug at base of
5 1/2"
75% in and 23 out

~~Need~~ Need mud hole

② 1000' in the hole
+ 5 to 10' into 5 1/2" surface sand
annulus.

or 2' sand set pipe at bottom of hole
PMS

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

SUBMIT IN TRIPLICATE*
(Other instructions on reverse side)

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use "APPLICATION FOR PERMIT—" for such proposals.)

<p>1. OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input checked="" type="checkbox"/> Dry Hole</p> <p>2. NAME OF OPERATOR Oil Development Company of Texas</p> <p>3. ADDRESS OF OPERATOR 900 Polk Street Amarillo, Texas 79171</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface SW SE; 660' FSL & 1760' FEL, Section 16</p>		<p>5. LEASE DESIGNATION AND SERIAL NO. ML-24935</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME</p> <p>8. FARM OR LEASE NAME Gordon Flats</p> <p>9. WELL NO. 16-1</p> <p>10. FIELD AND POOL, OR WILDCAT Wildcat</p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 16, T-30S, R-16E SLB&M</p> <p>12. COUNTY OR PARISH Wayne</p> <p>13. STATE Utah</p>
<p>14. PERMIT NO.</p>	<p>15. ELEVATIONS (Show whether DF, RT, GR, etc.) 6286' GR</p>	

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

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <u>Change Lease Name</u> <input checked="" type="checkbox"/>	
(Other) <input type="checkbox"/>		(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

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

This well has heretofore been known as the "Gordon-Flats Unit" Well No. 16-1. Since this location was not unitized as planned we would like to drop the word "Unit" from the well title. Please change your records to show the lease and well name has the "Gordon Flats" Well No. 16-1.

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

SIGNED *A. J. Stegner* TITLE Drilling Superintendent DATE 1-23-74

(This space for Federal or State office use)

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