

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 PMB
 Copy NID to Field Office _____
 Approval Letter _____
 Disapproval Letter _____

COMPLETION DATA:

Date Well Completed 6-4-68

OW _____ WW _____ TA _____

SI GW ✓ OS _____ PA _____

Location Inspected _____

Bond released _____

State of Fee Land _____

LOGS FILED

Driller's Log _____

Electric Logs (No.) _____

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

Lat _____ Mi-L _____ Sonic _____ Others _____

STATE OF UTAH

OIL & GAS CONSERVATION COMMISSION

5. LEASE DESIGNATION AND SERIAL NO.
U-0146920

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

9. WELL NO.
13

10. FIELD AND POOL, OR WILDCAT
Field

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Sec 4 T.19S, R.25E.

12. COUNTY OR PARISH
Grand

13. STATE
Utah

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
A. Lansdale

3. ADDRESS OF OPERATOR
PO. Box 68 Garden Grove Calif 92642

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface 1404 South of North, 407 West of East Line
sec 4 T.19S, R.25E
 At proposed prod. zone Entrada & Wingate

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
18 Miles North East Cisco Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. line, if any)
407

16. NO. OF ACRES IN LEASE
402.10

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.
2640

19. PROPOSED DEPTH
2500'

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4955 GR

22. APPROX. DATE WORK WILL START*
APR 15, 68

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<u>10 3/4</u>	<u>9 5/8</u>		<u>100'</u>	<u>16 50X</u>
<u>9 5/8</u>	<u>7"</u>	<u>23*</u>	<u>1350</u>	<u>60 50X</u>

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 Galen Helmke TITLE Geologist DATE APR 13, 1968

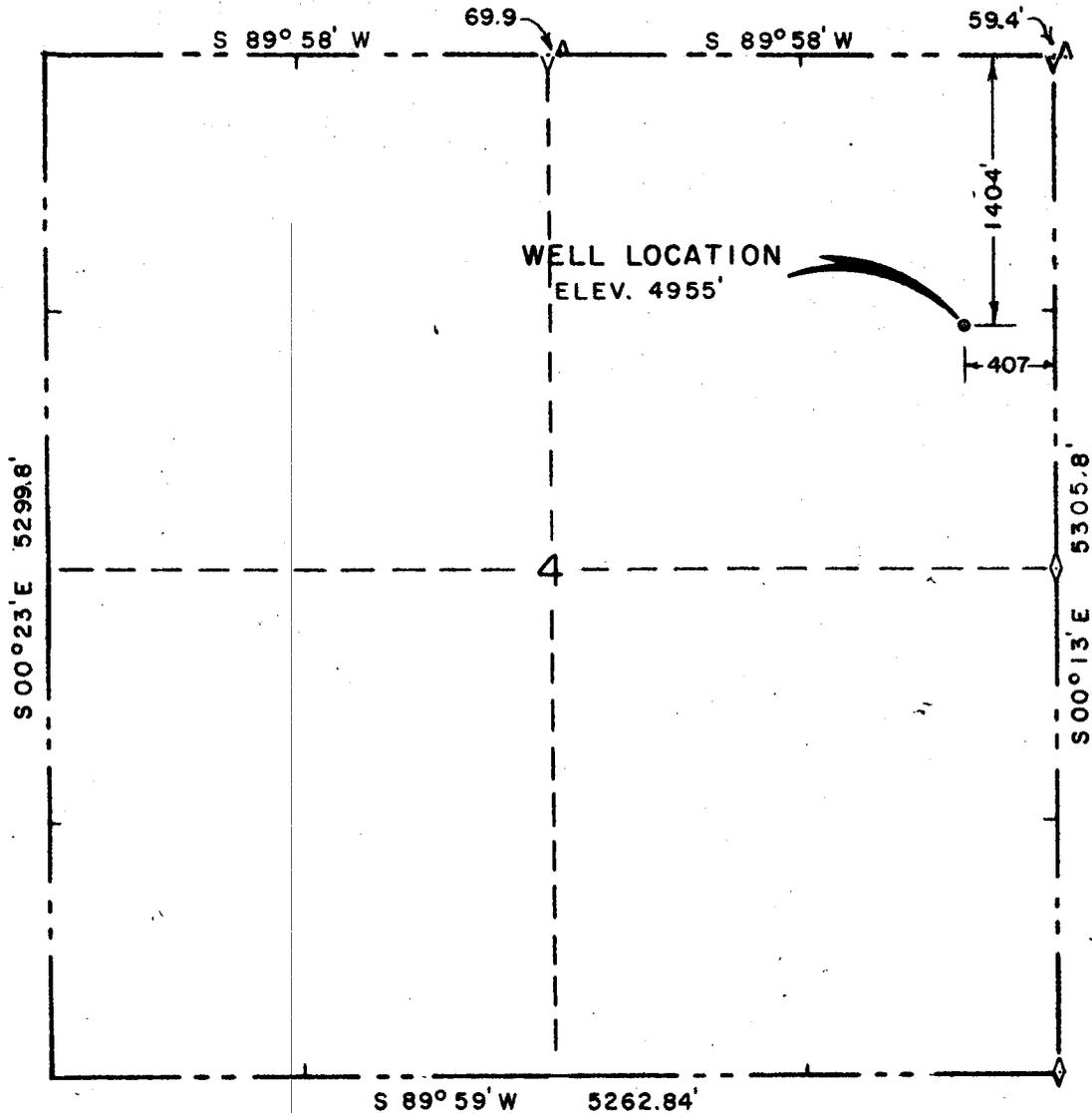
(This space for Federal or State office use)

PERMIT NO. _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

WELL LOCATION
 407' WEL-1404' SNL
 SECTION 4
 T 8 S R 25 E SLB & M
 19.



N



SCALE 1"=1000'



I, William F. Quinn do hereby certify that this plat was plotted from notes of a field survey made under my supervision on March 21, 1968.

William F. Quinn
 Registered Land Surveyor

WESTERN ENGINEERS	
WELL LOCATION	
LANSDALE NO. 13	
GRAND COUNTY, UTAH	
SURVEYED	W.F.Q.
DRAWN	F.D.E.
Grand Junction, Colo. 5/22/68	

RECEIVED
APR 5 1968
UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
DRILL DEEPEN PLUG BACK

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

2. NAME OF OPERATOR
A. Hambridge

3. ADDRESS OF OPERATOR
1015 Garfield Ave. Salt Lake City 92624

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*
At proposed *1015 Garfield Ave. Salt Lake City 92624*
At proposed prod. zone *Emery & Wingate NE SE NE*

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
1.5 miles North East of CISCO UTAH

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) *407*

16. NO. OF ACRES IN LEASE *402.10*

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. *2640*

19. PROPOSED DEPTH, *2500'*

20. ROTARY OR CABLE TOOLS
Rotary

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
4955 GR

22. APPROX. DATE WORK WILL START*
April 1968

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
<i>10 3/4</i>	<i>9 5/8</i>		<i>105'</i>	<i>22.931</i>
<i>9 1/2</i>	<i>7 1/2</i>		<i>1350'</i>	<i>22.500</i>

We request a geological exception on the location of well #13 since it is the highest structural location on structure.

Galen Helms
43-019-30008

18. DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed productive zone. If proposal is to drill or deepen directionally give pertinent data on subsurface locations and measured and true vertical depth from blowout point to program, if any.

23. SIGNED *Galen Helms* TITLE *Geologist* DATE *4/1/68*

(This space for Federal or State office use)

PERMITTED BY _____ APPROVAL DATE _____

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY:

RECEIVED
OIL & GAS
APR 8 1968
GEOLOGICAL SURVEY
CASPERS, WYOMING

Oil and Gas Supervisor
U. S. Geological Survey
P. O. Box 400
Casper, Wyoming 82601

In Re: Stipulation

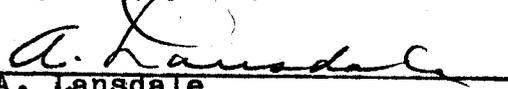
Dear Sir:

A. Lansdale is the owner of U. S. Oil and Gas Lease Utah 0146920 and proposes to drill a well on the leased premises to test for oil and gas at a location in the NE $\frac{1}{4}$ SE $\frac{1}{4}$ NE $\frac{1}{4}$ Section 4, T. 19 S., R. 25 E., S.L.M., Grand County, Utah, 1404' from N. line and 407' from E. line of sec. 4.

Section 221.20 of the Federal Oil and Gas Regulations requires that no well be drilled less than 200' from the boundary of any legal subdivision without the written consent of the Supervisor, U. S. Geological Survey. The proposed location is approximately 84' from the South boundary line of the NE $\frac{1}{4}$ NE $\frac{1}{4}$ of section 4, but is considered to be necessary to allow the well to be in a favorable geologic position and to fit a proposed 160-acre spacing which requires 2640' between gas wells in the same zone.

Therefore, A. Lansdale, lessee requests the consent of the Supervisor to the drilling of the proposed well at the above described location. In consideration of such consent, A. Lansdale, lessee, hereby expressly covenants and agrees that no separate assignments of the NE $\frac{1}{4}$ NE $\frac{1}{4}$ and the SE $\frac{1}{4}$ NE $\frac{1}{4}$ of section 4, T. 19 S., R. 25 E., S.L.M., will be made and the two described subdivisions will be kept under joint assignment until the above mentioned well has been plugged and abandoned with the approval of the Supervisor.

Very truly yours,


A. Lansdale

April 5, 1968

Mrs. A. Lansdale
P. O. Box 68
Garden Grove, California 92624

Re: Well No. Government-Lansdale #13,
Sec. 4, T. 19 S., R. 25 E.,
Grand County, Utah.

Dear Mrs. Lansdale:

Insofar as this office is concerned, approval to drill the above mentioned well can not be granted at this time. This well location is off the normal spacing pattern as provided for in Rule C-3.

It is suggested that this well not be spudded-in until after the hearing on April 10, 1968.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

cc: U. S. Geological Survey
Rodney Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

April 12, 1968

Mrs. A. Lansdale
P. O. Box 68
Garden Grove, California 92624

Re: Well No. Government-Lansdale #13,
Sec. 4, T. 19 S., R. 25 E.,
Grand County, Utah.

Dear Mrs. Lansdale:

In accordance with the Order issued in Cause No. 2, Cause 102-5, and Cause 102-6, approval to drill the above mentioned well is hereby granted.

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
OFFICE: 328-5771

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

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered while drilling. Your co-operation with respect to completing this form will be greatly appreciated.

A. Lansdale

-2-

April 12, 1968

The API number assigned to this well is 430019-30008 (see Bulletin D12 published by the American Petroleum Institute).

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

CLEON B. FEIGHT
DIRECTOR

CBF:sc

cc: U. S. Geological Survey
Rodney Smith, District Engineer
8416 Federal Building
Salt Lake City, Utah

Sharon

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1968,

operator address Box 68, Garden Grove, Calif. Company A. Lansdale
92642 Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							

Note: This well temporarily shut-in.
Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

ARLYNE LANSDALE
ATTORNEY AT LAW
POST OFFICE BOX 68
GARDEN GROVE, CALIFORNIA 92642
TELEPHONE (714) 638-1352

June 15th, 1968.

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

Dear Mr. Feight:

I am enclosing the monthly reports, form 9-329, on wells No.1, 4 and 13.

Wells 5, 6, and 9, are being studied for possibly deepening and I will not have the results for thirty days.

No.3 has been abandoned, and I have ordered the site put in good condition.

I will keep you advised as to developments, and further exploratory work in this area.

Yours very truly,

A. Lansdale
A. Lansdale

AL-b
Encls.

Shoken

Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 68,

~~XXXX~~ address Box 68, Garden Grove, Calif. 92642 Company A. Lunsdale
Signed A. Lunsdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.

**Expect to perforate and put on production
when further exploratory work is completed
in this area.**

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 19 68

Agent's address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							

Note: This well temporarily shut-in.

Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Amman

25B

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 19 68,

Agent's address Box 68, Garden Grove, Calif. Company A. Lansdale

92642 Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND 1/4 OR 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/4 NE 1/4	19S	25E	13 ✓							

Note: This well temporarily shut-in.
Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

1588 West North Temple
Salt Lake City, Utah 84116
328-5771

August 30, 1968

A. Lansdale
P. O. Box 68
Garden Grove, Calif

Re: Well No. Government-Lansdale # 13,
Sec. 4, T. 19 S., R. 25 E.,
Grand, County Utah

Gentlemen:

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

Please complete the enclosed Forms OGC-3, "Well Completion or Recompletion Report and Log", in duplicate and forward them to this office as soon as possible. If electric and/or radioactivity logs were not run, please make a statement to this effect in order for us to keep our records accurate and complete.

Your cooperation in this matter will be greatly appreciated.

Very truly yours,

DIVISION OF OIL & GAS CONSERVATION

SHARON CAMERON
RECORDS CLERK

sc / sr

Enclosure: Forms OGC-3

May 23, 1960

Sofand Helmkie - Lonsdale #13

Grand Wash - rocky

Elev. Log:

Surface - surface

Morrison - 146

Entrada - 860 - 10, MM Cuff Gauge / Log -

Camel - 1110

Noraji - 1140

Wangul - 1445 - 9

Chinli - 1620 - red shales

Grand Wash - 1770

Pre - 1805 - Granite - 1718 to T.D. - D57 = dry

TD - 1850

Plan to set 1055' of 4 1/2 casing and complete in Entrada / 100' to 500' - Will cover gas in Morrison (40 MCF)

Drilled with mud after Entrada - Want to set 4 1/2 in casing and then drill / clean back to T.D. to test - if no recovery -

Elev Log - 1320 water sand (30')

① 100' plug top of Chinli (at 1620)

② 150' plug = 1300 to 1450 (above top of Wangul)

③ 100 - 1050 to 1150 base of surface

④ fill hole back of well mud between plug / clean water and complete Entrada sometime tomorrow

6 1/2" hole

PWB

Sharon

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 1968.

~~Agent's~~ address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/4 NE 1/4	19S	25E	13							

Note: This well temporarily shut-in
Expect to perforate and put on production
when further exploratory work is completed
in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1968.

operator address Box 68, Garden Grove, Calif. Company A. Lansdale

92642 Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in
Well properly cased and locked.

Expect to perforate and put on production
when further exploratory work is completed
in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 68

operator address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further exploratory
work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming

GAS ANALYSIS REPORT

Company A. Lansdale Date May 1, 1968 Lab No. 24273-1
 Well No. Unit No. 13 Location SE NE 4-198-25E
 Field Harley Dome Formation Entrada
 County Grand Depth 890 - 946
 State Utah Sampling point: Wellhead, Separator, Treater
 Line pressure, _____ psig; Sample pressure. 155 psig; Temperature _____ °F

Remarks: Production from open hole

Component	Mole % or Volume %	Gallons per MCF
Oxygen	0	
Nitrogen	.836 = 83.78 N	8,670.57 - 32.5 = 8,638.07
Carbon dioxide	0.84	
Hydrogen sulfide	0	
Helium	.0645 = 6.47 N	670.89 - 112 = 558.89
Methane	.0847 = 8.53 N	887.12 - 5.23 = 881.89
Ethane	0.28	
Propane	0.03	0.008
Iso-butane	0.02	0.007
N-butane	0.01	0.003
Isopentane	0.01	0.004
N-pentane	0.01	0.004
Hexanes & higher	0.02	0.009
Total	100.00	0.035

Gross btu/cu. ft. @60°F & 14.7 psia (dry basis) 95
 Specific gravity (calculated from analysis) 0.884
 Specific gravity (measured) 0.887
 GPM of pentanes & higher fraction 0.017

Remarks: This analysis was from 946' with gas from The Morrison @ 635' commingling with The Entrada gas.

671.66
~~335.830~~
~~291.98~~
~~28.60~~
 8.10 - NE
 1.12
~~33.7~~
~~5.20~~
~~3.20~~
 49.20 JM

2 EACH
15 ST. 1 FLD

1. 3 gas from Morrison

PS

CHEMICAL & GEOLOGICAL LABORATORIES

P. O. Box 279
Casper, Wyoming

PC

GAS ANALYSIS REPORT

Company A. Lansdale Date May 1, 1968 Lab. No. 24273-2
 Well No. Unit No. 13 Location SE NE 4-19S-25E
 Field Harley Dome Formation Morrison
 County Grand Depth 635
 State Utah Sampling point: Wellhead, Separator, Treater

Line pressure, _____ psig, Sample pressure 5 psig, Temperature _____ °F

Remarks _____
DST sample

Component	Mole % or Volume %	Gallons per MCF
Oxygen	0	
Nitrogen	81.37 <i>N</i>	
Carbon dioxide	0.37	
Hydrogen sulfide	0	
<u>Helium</u>	<u>2.80</u> <i>H</i>	
Methane	14.82 <i>M</i>	
Ethane	0.48	
Propane	0.09	0.025
Iso-butane	0.04	0.013
N-butane	0.02	0.006
Iso-pentane	0.01	0.004
N-pentane & higher	Trace	-
Hexanes		
Total	100.00	0.048

Gross btu/cu. ft. @60°F & 14.7 psia (dry basis)	163
Specific gravity (calculated from analysis)	0.886
Specific gravity (measured)	0.888
GPM of pentanes & higher fraction	0.004

Remarks: _____

STATE OF UTAH
OIL & GAS CONSERVATION COMMISSION

U-014 6920

PI
A

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
A. Lamsdale

3. ADDRESS OF OPERATOR
P.O. Box 68 Garden Grove, California 92642

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*
At surface **1404 South of North Sec. 4 T18S; R25E**
At top prod. interval **407 West of East**
At total depth **890**

14. PERMIT NO. **1815** DATE ISSUED _____

5. LEASE DESIGNATION AND SERIAL NO.

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gov't

9. WELL NO.

13

10. FIELD AND POOL, OR WILDCAT

Harley Dome

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

Sec 4 T18S R25E

12. COUNTY OR PARISH

Grand

13. STATE

Utah

15. DATE SPUDDED **4-24-68** 16. DATE T.D. REACHED **5-17-68** 17. DATE COMPL. (Ready to prod.) **June 4, 1968** 18. ELEVATIONS (DF, RKB, RT, GR, ETC.)* **4955' GR** 19. ELEV. CASINGHEAD **4957**

20. TOTAL DEPTH, MD & TVD _____ 21. PLUG, BACK T.D., MD & TVD _____ 22. IF MULTIPLE COMPL., HOW MANY* _____ 23. INTERVALS DRILLED BY **0-1815** ROTARY TOOLS _____ CABLE TOOLS _____

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)* **890-946** 25. WAS DIRECTIONAL SURVEY MADE **no**

26. TYPE ELECTRIC AND OTHER LOGS RUN **Schlumberger, IES, FDC & GR** 27. WAS WELL CORED **no**

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
7"	23#	98'	8 3/4	14 sax	
4 1/2"		1055	6 1/8	110 Sax	

29. LINER RECORD 30. TUBING RECORD

SIZE	TOP (MD)	BOTTOM (MD)	SACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number) 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED

33.* PRODUCTION

DATE FIRST PRODUCTION _____ PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump) **Casing not perforated** WELL STATUS (Producing or shut-in) _____

DATE OF TEST **May 10811** HOURS TESTED **2** CHOKER SIZE **none** PROD'N. FOR TEST PERIOD _____ OIL—BBL. _____ GAS—MCF. **10.4mmcf** WATER—BBL. **9** 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 **Galen Helmke**

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 Galen Helmke TITLE Geologist DATE Jan 4, 1969

*(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.)

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	Surface	140'	98-140 medium grain, some shale (grey) and coal	Dakota	0-140	
Morrison	140	860	Varigated and red green and grey shales and buff fine-medium gr. st.	Morrison	140-860	
Entrada	860	1110	Sandstone finely/medium well rounded tan-buff. inert gas from 980-946	Entrada	860-1110	
Carmel	1110	1140	10.4 mm 111 open hole test	Carmel	1110-40	
Novaho	1140	1445	Red sand and shale	Novaho	1140-1445	
Wingate	1445	1620	Sandstone, buff-red well rounded	Wingate	1445-1620	
Chinle	1620	1770	Red shale, silty occ. st. stringers	Chinle	1620-1770	
Granite wsh	1770	1805	May be weathered granite	Granite Wash	1770-1805	
Granite	1805	1815	Peg. quartz, Feldspar violite	Granite	1805-1810	

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

38. GEOLOGIC MARKERS

FEB 10 1969

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 69.

~~Address~~ Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Schem

Handwritten initials

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1969,

Agent's address Box 68, Garden Grove, Calif. 92642 Company A. Dunsdale
Signed A. Dunsdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Sec. 4</u> <u>E 1/2 NE 1/4</u>	<u>19S</u>	<u>25E</u>	<u>13</u>							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 69,

~~XXXXX~~ address Box 68, Garden Grove, Calif. 92642 Company A. Dansdale
Signed A. Dansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 69

Agent's address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Sec. 4</u> <u>E 1/4 NE 1/4</u>	<u>19S</u>	<u>25E</u>	<u>13</u>							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

Note.—There were _____ runs or sales of oil; _____ M. cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1969,

operator's address Box 68, Garden Grove, Calif. Company A. Lansdale
92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/4 NE 1/4	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 19 69

Owner's address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further exploratory
work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Schmitt

UNITED STATES
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Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 1969,

~~agent's~~ address Box 68, Garden Grove, Calif. 92642 Company A. Lansdale
Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1969,

Agent's address P.O. Box 68, Garden Grove, Calif. 92642 Company A. L. Ransdale
Signed A. L. Ransdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E1NE 1/4	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold; _____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1969,

~~agent's~~ address P. O. Box 68, Garden Grove Company A. Lansdale
Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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Shelley

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 69

Lessee's address P.O. Box 68, Garden Grove Company A. Lansdale
Calif. 92642 Signed A. Lansdale

Phone 638-1352 (area code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Sec. 4</u> <u>E½NE¼</u>	<u>19S</u>	<u>25E</u>	<u>13</u>							

Note: This well temporarily shut-in.
Well properly cased and locked.
Expect to perforate and put on
production when further exploratory
work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Schmitt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY*DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 19 69,

Agent's address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.
Expect to perforate and put on
production when further exploratory
work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;
_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Schmitt

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 19 69,

~~XXXXXX~~ Address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	Cu. Ft. of Gas (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4. E½NE¼	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1969.

~~XXXXXX~~ address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale
Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							
<p>Note: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further exploratory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1970,

~~Agent's~~ address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E ¼ NE ¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R386.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1970,

~~Address~~ P. O. Box 68 Company A. Langdale
Garden Grove, Calif. 92642 Signed A. Langdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (in thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

Note: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

PT

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

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

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 1970.

~~XXXXXX~~ Address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.
Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1970,

~~XXXXXX~~ address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½ NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

25

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.51
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1970,

~~XXXXXX~~ address P. O. Box 68 Company A. Iansdale
Garden Grove, Calif. 92642 Signed A. Iansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							

NOTE: This well temporarily shut-in. Well properly cased and locked.

Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of June, 19 70,

~~XXXXXX~~ address P. O. Box 68 Company A. Lansdale
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼		19S 25E	13							
<p>NOTE: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further explor- atory work is completed in this area.</p>										

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
SALT LAKE CITY
LAND OFFICE _____
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1970,

~~Agency~~ address P. O. Box 68 Company A. Fansdale
Garden Grove, Calif. 92642 Signed A. Fansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Sec. 4</u> <u>E½NE¼</u>	<u>19S</u>	<u>25E</u>	<u>13</u>							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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Form approved.
Budget Bureau No. 42-R356.5.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 19 70,

~~WELLS~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 710) Agent's title OWNER

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 70,

~~Lessee's~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title OWNER

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of October, 1970,

~~Agent's~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title OWNER

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.
Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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Budget Bureau No. 42-R356.5.
LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of November, 1970,

Agent's address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 1970,

~~Agent's~~ address P. O. Box 68 Company A. LUNSDALE
Garden Grove, Calif. 92642 Signed A. Lunsdale
Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							

NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
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GEOLOGICAL SURVEY

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Budget Bureau No. 42-R356.5.
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 19 71,

~~Address~~ Address P. O. Box 68 Company A. LAKSDALE
Garden Grove, Calif. 92642 Signed A. Laksdale
Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E-NE 1/4	19S	25E	13							

NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Form approved.
Budget Bureau No. 42-R356.5
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 1971,

~~Agent's address~~ P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.

LAND OFFICE SALT LAKE CITY
LEASE NUMBER U-0146920
UNIT No. 13

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of March, 19 71

~~Address~~ Address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13		714					

NOTE: This well temporarily shut-in.
Well properly cased and locked.
Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

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Budget Bureau No. 42-R356.5.
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of April, 1971,

~~Agent's~~ address P. O. Box 68 Company A. LAUSDALE
Garden Grove, Calif. 92642 Signed A. Lausdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							

NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of May, 1971,

~~Agent's~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							

NOTE: This well temporarily shut-in.
Well properly cased and locked.

Expect to perforate and put on
production when further explora-
tory work is completed in this
area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
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Form approved.
Budget Bureau No. 42-R358.5
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State **UTAH** County **GRAND** Field **HARLEY-DOME**

The following is a correct report of operations and production (including drilling and producing wells) for the month of **June**, 19**71**.

Address **P. O. Box 68** Company **A. KANSDALE**
Garden Grove, Calif. 92642 Signed *A. Kansdale*

Phone **638-1352 (Area Code 714)** Agent's title **Owner**

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/4 NE 1/4	19S	25E	13							NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5
SALT LAKE CITY
LAND OFFICE
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of July, 1971,

agent's address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E½NE¼	19S	25E	13							<p>NOTE: This well temporarily shut-in. Well properly cased and locked.</p> <p>Expect to perforate and put on production when further explora- tory work is completed in this area.</p>

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

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DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 42-R356.5.
LAND OFFICE **SALT LAKE CITY**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of August, 1971.

Agent's address P. O. Box 68 Company A. HANSDALE
Garden Grove, Calif. 92642 Signed A. Hansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DATE PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
Sec. 4 E 1/2 NE 1/4	19S	25E	13							NOTE: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further exploratory work is completed in this area.

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Form approved.
Budget Bureau No. 12-R3
LAND OFFICE **SALT LAKE CI.**
LEASE NUMBER **U-0146920**
UNIT **No. 13**

LESSEE'S MONTHLY REPORT OF OPERATIONS

State UTAH County GRAND Field HARLEY-DOME

The following is a correct report of operations and production (including drilling and producing wells) for the month of September, 19 71

~~Address~~ address P. O. Box 68 Company A. LANSDALE
Garden Grove, Calif. 92642 Signed A. Lansdale

Phone 638-1352 (Area Code 714) Agent's title Owner

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL No.	DATE Produced	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (if drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
<u>Sec. 4</u> <u>E½NE¼</u>	<u>19S</u>	<u>25E</u>	<u>13</u>							<u>Note: This well temporarily shut-in. Well properly cased and locked. Expect to perforate and put on production when further explora- tory work is completed in this area.</u>

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.



United States Department of the Interior

IN REPLY REFER TO
3100
(U-603)

BUREAU OF LAND MANAGEMENT

Moab District
Grand Resource Area
P. O. Box M
Moab, Utah 84532

July 15, 1980

Memorandum

To: Oil & Gas Office, USGS Conservation Division,
P.O. Box 3768, Grand Jct., CO 81501

From: Area Manager, Grand

Subject: A. Lansdale
Lansdale Government #13
SENE, Section 4, T. 19 S., R. 25 E., SLB&M
Grand County, Utah

Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

Please forward the enclosed information to A. Lansdale.


ACTING

Enclosures (2)
1-Reclamation Procedures
2-Seed Mixture



Save Energy and You Serve America!

JUL 21 REC'D

STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

- 1 Contact this office at least 24 hours prior to beginning construction of access road and pad.
- 2 Stockpile the surface six inches of topsoil in a wind-row on the north side of the location.
- 3 The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.
- 4 Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.
- 5 The trash pit will be at least six feet deep and fenced with fine mesh wire during drilling operations.
- 6 The "blooey" line will be centered and directed into the pit.
- 7 If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM and USGS publication).
- 8 If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.
- 9 Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.
- 10 Production facilities and pipeline route are approved on this location under lease rights.

<u>SPECIES</u>		<u>LB/ACRE</u>
<u>Grasses</u>		
Oryzopsis hymenoides	Indian Rice Grass	1
Hilaria jamesii	Curley Grass	1
<u>Forbs</u>		
Sphaeralcea coccini	Globe Mallow	1
<u>Shrubs</u>		
Artiplex confertifolia	Shadscale	1
Ceretooides lanata	Winter Fat	1
		<hr/>
		5

RECLAMATION PROCEDURES IN GRAND RESOURCE AREA

1. Disk or rip pads and access roads.
 - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
 - a. Lay berms into centers.
 - b. Use cut material for fill areas.
 - c. Lay stockpiled surface soil over top of pads and spread evenly.
 - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
 - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).

Memorandum

Glenn

U. Lamsdale
4-195-25E

To: District Oil and Gas Engineer, Mr. Edward Guynn

From: Mining, Supervisor, Mr. Jackson W. Moffitt

Subject: Application for Permit to Drill (form 9-331c) Federal oil and gas lease No. U-31802 Well No. 13

1. The location appears potentially valuable for:

- strip mining*
- underground mining**
- has no known potential.

2. The proposed area is

- under a Federal lease for _____ under the jurisdiction of this office.
- not under a Federal lease under the jurisdiction of this office.
- Please request the operator to furnish resistivity, density, Gamma-Ray, or other appropriate electric logs covering all formations containing potentially valuable minerals subject to the Mineral Leasing Act of 1920.

*If location has strip mining potential:

Surface casing should be set to at least 50 feet below the lowest strip minable zone at _____ and cemented to surface. Upon abandonment, a 300-foot cement plug should be set immediately below the base of the minable zone.

**If location has underground mining potential:

The minable zones should be isolated with cement from a point 100 feet below the formation to 100 feet above the formation. Water-bearing horizons should be cemented in like manner. Except for salines or water-bearing horizons with potential for mixing aquifers, a depth of 4,000 feet has been deemed the lowest limit for cementing.

Signed

Allen J. Vance

Posted

FROM: : DISTRICT GEOLOGIST [redacted], SALT LAKE CITY, UTAH

TO : DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-31802

OPERATOR: A. Lansdale WELL NO. 13

LOCATION: NE 1/4 SE 1/4 NE 1/4 sec. 4, T. 19S., R. 25E., SLM
Grand County, Utah

1. Stratigraphy:

Well being redrilled.

2. Fresh Water:

Cased off

3. Leasable Minerals:

Cased off

4. Additional Logs Needed: *N/A*

5. Potential Geologic Hazards: *None anticipated*

6. References and Remarks:

Separation & sale of Helium will require permission from the Secretary.

Signature: *Gregory W. Wood*

Date: *6-24-80*

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK
 DRILL Cement Plug DEEPEN PLUG BACK

b. TYPE OF WELL
 OIL WELL GAS WELL OTHER Re-enter SINGLE ZONE MULTIPLE ZONE

2. NAME OF OPERATOR
 A. Lansdale

3. ADDRESS OF OPERATOR
 c/o Haymaker & Associates
 1720 South Poplar, Suite 5, Casper, Wyoming 82601

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*)
 At surface
 1,404' FNL & 407' FEL Sec. 4
 At proposed prod. zone
 Salt Wash - Entrada

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*
 18 miles NE Cisco, Utah

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 407'

16. NO. OF ACRES IN LEASE 402.1

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. 2,640'

19. PROPOSED DEPTH 950'

20. ROTARY OR CABLE TOOLS

21. ELEVATIONS (Show whether DF, RT, GR, etc.)
 4,955' Ground

22. APPROX. DATE WORK WILL START*

5. LEASE DESIGNATION AND SERIAL NO.
 U-31802

6. IF INDIAN, ALLOTTEE OR TRIBE NAME
 NA

7. UNIT AGREEMENT NAME
 NA

8. FARM OR LEASE NAME
 Lansdale-Gov't

9. WELL NO.
 13

10. FIELD AND POOL, OR WILDCAT
 Harley Dome

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
 Sec. 4-19S-25E.

12. COUNTY OR PARISH 13. STATE
 Grand Utah

DUPLICATE

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7"	23#	98	14 sx.
6 1/8"	4 1/2"	10.5#	1055	110 sx

Move in and drill out cement plug in 4 1/2" casing to 950'.

1. Perforate Entrada ss. 804 to 878'. Test for gas production.
2. Set retrievable packer at 850'.
3. Perforate Salt Wash zone, 568 to 590'. Test for gas production.

Exhibits Attached

- A. Location and Elevation Plat
- B. Blowout Preventer Diagram
- C. Multipoint Surface Use Plan
- D. Topography and Access Road Map
- E. Drill Rig and Production Facility Layout

RECEIVED

NOV 10 1980

DIVISION OF OIL, GAS & MINING

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED E. R. Haymaker TITLE Agent for A. Lansdale DATE June 6, 1980

(This space for Federal or State office use)

PERMIT NO. APPROVAL DATE FOR E. W. GUYNN DISTRICT ENGINEER DATE 06 NOV 1980

APPROVED BY (Orig. Sgd.) A. M. RAFFOUL TITLE DATE

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

State Oil & Gas

FROM: DISTRICT GEOLOGIST, SALT LAKE CITY, UTAH

TO: DISTRICT ENGINEER, O&G, SALT LAKE CITY, UTAH

SUBJECT: APD MINERAL EVALUATION REPORT

LEASE NO. U-31802OPERATOR: A. LansdaleWELL NO. 13LOCATION: NE $\frac{1}{2}$ SE $\frac{1}{2}$ NE $\frac{1}{2}$ sec. 4, T. 19S., R. 25E., SLMGrand County, Utah

1. Stratigraphy:

Well being redrilled.

2. Fresh Water:

Cased off

3. Leasable Minerals:

Cased off

4. Additional Logs Needed: N/A

5. Potential Geologic Hazards: None anticipated

6. References and Remarks:

Separation & sale of Helium will require permission from the Secretary.

Signature: Gregory W. WoodDate: 6-24-80

Oil and Gas Drilling

EA No. 491-80

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

USUAL ENVIRONMENTAL ASSESSMENT

Date July 9, 1980

Operator A Landsdale Well No. 13
Location 1404' FNL 407- FEL Section 4 Township 19S Range 25E
County Grand State Utah Field/Unit Harley Dome
Lease No. U-31802 Permit No. _____

Prepared by: Glenn M. Doyle
Environmental Scientist
Grand Junction, Colorado

Joint Field Inspection Date: waived

Field Inspection Participants, Titles, and Organizations:

Typing: In 7/21
Out 7/22

Related Environmental Documents:
BLM-Moab, Book Mountain Unit Resource Analysis.

*Belmont Canyon ?
Pad 105 x 107
No pit ? ?
4 1/2 ac - no entry
Cond 7 Report 89 6
1 d 2*

DESCRIPTION OF PROPOSED ACTION

Proposed Action:

1. Location State: Utah
County: Grand

1404 ' F N L, 407 ' F E L, SE ¼ NE ¼
Section 4, T19S, R25E, SLM

2. Surface Ownership Location: Public
Access Road: Public

Status of Reclamation Agreements: Not Applicable

3. Dates APD Filed: 6/9/80
APD Technically Complete: 6/19/80
APD Administratively Complete: 7/07/80

4. Project Time Frame Starting Date: July 1980
Duration of drilling activities: 30 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year; revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:

None known

6. Nearby pending actions which may affect or be affected by the proposed action:

None known

7. Status of variance requests:

None known

The following elements of the proposed action would/could result in environmental impacts:

1. A drill pad 105' wide x 170' long and no reserve pit. .41 acres of disturbed surface would be associated with the project.

This well is a re-entry. The original well was drilled in the spring of 1978. Casing was not perforated. (See well completion report.)

2. Drilling

3. Waste disposal
4. Traffic
5. Water requirements
6. Completion
7. Production
8. Transportation of hydrocarbons

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography - Regional topography is flat desert and rolling hills grading to the talus-flanked Book Cliffs.

PARAMETER

A. Geology - Surface is Mancos Shale. Other formations are listed in the 10-Point Subsurface Plan.

Information Source: Application to Drill.

1. Other Local Mineral Resources to be Protected: Prospective coal and geothermal resources. Coal probably subeconomic. Geothermal resources unproven.

Information Source: ME, District Geologist.

2. Hazards:

a. Land Stability: Location and access built on Mancos Shale. Material is stable, provided the slopes are moderate and moisture content is low.

Information Source: Field observation.

b. Subsidence: Subsidence can occur with the withdrawal of oil, gas, and/or water.

Information Source: Keller, Edward A., 1976, Environmental geology, Charles E. Merrill, 488 pp.

c. Seismicity: Seismic risk: low. Statistically, greatest damage would be moderate, corresponding to intensity VII of Modified Mercalli Intensity Scale, 1931.

Information Source: Perkins, David M., 1974, Seismic risk maps, Reprint of Earthquake information bulletin, 6(6) Nov-Dec.; Algermissen, S. T., and Perkins, David M., 1977, Earthquake

hazards map of the United States, Reprint from Earthquake Information Bulletin, 9(1) Jan-Feb., 4 pp.; von Hake, Carl A., Earthquake History of Utah, NOAA.

- d. High Pressure Zones/Blowout Prevention: No high pressure zones expected. Blowout prevention systems detailed in APD.

Information Source: Application to Drill.

B. Soils

1. Soil Character: No detailed soil surveys done in area. Changes in soil fertility, horizons, slope stability, etc., cannot be predicted. Soils are considered nitrogen-poor, alkalic soils that support the salt-desert community.

Information Source: Field observation.

2. Erosion/Sedimentation: Erosion/sedimentation would increase as would runoff potential. Extent of increases unpredictable without site-specific studies being done.

Information Source: Field observation.

- C. Air Quality - Wellsite lies in Class II attainment area. No Class I attainment areas are near, or adjacent to, proposed location.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

- D. Noise Levels - Ambient noise levels temporarily elevated. Personnel safety could be jeopardized. Wildlife would avoid area.

Information Source: Field observation.

E. Water Resources

1. Hydrologic Character

- a. Surface Waters: No significant impacts to surface water systems are expected, provided the operator maintains all adverse substances either on the pad or in a fluid-tight reserve pit.

Information Source: Field observation.

- b. Groundwaters: Contamination to groundwaters through commingling with drilling fluids is possible.

Information Source: Field observation.

2. Water Quality

- a. Surface Waters: Minor increases in sediment load, resulting in siltation/sedimentation, could occur in nearby intermittent drainages. Release of produced and/or circulating fluids from the reserve pit

could cause a significant adverse affect on surface water quality, depending on fluid's chemical composition.

Information Source: Field observation.

b. Groundwaters: Surface casing was set at 98'. (See well completion report.) No significant impacts to groundwater quality would be expected.

Information Source: Application to Drill and Field observation.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the BLM on July 21, 1980, we determine that there would be no effect on endangered and threatened species and/or their critical habitat.

2. Flora: Construction would remove about .41 acres of vegetation increasing potential for non-point erosion and decreasing soil fertility.

Information Source: Application to Drill.

3. Fauna: Vegetation removal reduces wildlife habitats and food sources. Deer are not known to winter in the area. No known migratory bird nesting areas, strutting or breeding grounds, or fish-spawning areas would be impacted by proposed action.

Information Source: BLM-Moab, Book Mountain Unit Resource Analysis.

G. Land Uses

1. General: Oil and gas operations, recreation, and grazing are major land uses. Amount and quality of land available to livestock, wildlife, and recreationists would be reduced during well life.

Information Source: Field observation.

2. Affected Floodplains and/or Wetlands: N/A

Information Source: Field observation.

H. Aesthetics: Operation would not blend with natural surroundings. Most likely unappealing to recreationists. Impact duration: life of well.

Information Source: Field observation.

I. Socioeconomics: The effect of one well on local and regional population and economy would be considered minor. If major discovery, then consider: Population increase, community services taxed, resources depleted, cumulative impacts multiply, pipelines and transportation routes expand.

Information Source: G. Doyle, Environmental Scientist, USGS.

J. Cultural Resources Determination: Based on the formal comments received from the BLM on July 21, 1980, we determine that there would be no effect on cultural resources subject to no stipulations. Information Source:

K. Adequacy of Restoration Plans: Rehabilitation plan judged as adequate. Problems hampering restoration: a) Area subject to short growing season; b) limited precipitation during growing season; and c) generally, very little topsoil which has limited organic matter and is low in fertility.

Information Source: David Oberwager, Env. Spec. (Reclamation), USGS-AOSO.
G. Doyle, Environmental Scientist, USGS.

Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.
2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

Adverse Environmental Effects:

1. If approved as proposed:

a. About .41 acres of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems ^{could} occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquifer leakage and lost circulation is ever-present, depending on the casing program. *Re. C&F entry plan*

c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

d. The potential for fires, leaks, spills of gas and oil or water exists.

e. During construction and drilling phases of the operation, noise and dust levels would increase.

f. Distractions from aesthetics during the lifetime of the project would exist.

g. Erosion from the site would eventually be carried as sediment in the Colorado River. The potential for pollution would exist through leaks and spills.

h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of an irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional approval

a. All adverse impacts described in section one above would occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

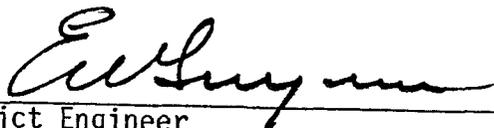
1. ~~See attached Lease Stipulations.~~
2. See attached BLM Stipulations.

Controversial Issues and Conservation Division Response: None known.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102(2)(C).



District Engineer
U. S. Geological Survey
Conservation Division
Oil & Gas Operations
Salt Lake City District

AUG 08 1980

Date



STATE OF UTAH
NATURAL RESOURCES & ENERGY
Oil, Gas & Mining

Scott M. Matheson, Governor
Temple A. Reynolds, Executive Director
Cleon B. Feight, Division Director

4241 State Office Building • Salt Lake City, UT 84114 • 801-533-5771

February 2, 1982

A. Lansdale
P.O. Box 68
Garden Grove, Cal. 92642

Re: Government Lansdale #13
Sec. 4, T. 19S, R. 25E
Grand County, Utah

Well No. Hancock Federal 19-2
Sec. 19, T. 17S, R. 25E
Grand County, Utah

Gentlemen:

Approval to drill the above mentioned well, which was granted in our letter of Nov 6, 80 & Aug 10, is hereby terminated for failure to spud it within a reasonable period of time.

If and when you should decide to drill this well, it will be necessary for you to again obtain the approval of this Division.

Very truly yours,

DIVISION OF OIL, GAS AND MINING

Cleon B. Feight
Cleon B. Feight ^{DB}
Director

June 2, 1988

A. Lansdale
P.O. Box 68
Garden Grove, California 92642

Re: Government-Lansdale #13
Sec. 4, T. 19S. R.25E.
Grand County, Utah

Re: Hancock Federal #19-2
Sec. 19, T.17S. R.25E.
Grand County Utah

Gentlemen:

In reference to above mentioned wells, considerable time has gone by since approval was obtained from this office.

This office has not recieved any notification of spudding. If you do not intend to drill these wells, please notify this Division. If spudding or any other activity has taken place, please send necessary forms. (If we do not hear from your company within fifteen (15) days, we will assume you do not intend to drill these wells and action will be taken to terminate the application.) If you plan on drilling these well locations at a later date please notify as such.

Your prompt attention to the above will be greatly appreciated.

Very truly yours,

DIVISION OF OIL, GAS, AND MINING



SANDY BATES
CLERK-TYPIST

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 of a well to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-31802
2. NAME OF OPERATOR Daymon D. Gililland		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 1844, Grand Junction, CO		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME Lansdale
14. PERMIT NO.		9. WELL NO. Gov't #13
15. ELEVATIONS (Show whether DF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA SE-NE-4 Sec. 4, T19S, R25E
		12. COUNTY OR PARISH Grand
		18. STATE Utah

RECEIVED

JUL 05 1985

DIVISION OF OIL
GAS & MINING

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>Plans</u> <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 gas in the Salt Wash section of the Morrison (flammable) and in the Entrada formation. It's estimated Initial Potential is 10,400 Mcf/d. It has never been produced since it was drilled and will continue to be carried as a shut-in natural gas and helium well.

See attached letter.

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

SIGNED Daymon D. Gililland TITLE Operator DATE 7-2-85

(This space for Federal or State office use)

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



STATE OF UTAH
NATURAL RESOURCES
Oil, Gas & Mining

Norman H. Bangerter, Governor
Dee C. Hansen, Executive Director
Dianne R. Nielson, Ph.D., Division Director

355 W. North Temple • 3 Triad Center • Suite 350 • Salt Lake City, UT 84180-1203 • 801-538-5340

October 1, 1985

Daymon D. Gillilland
P. O. Box 1844
Grand Junction, CO 81502

Gentlemen:

Re: Well No. Government-Lansdale #13 - Sec. 4, T. 19S, R. 25E.,
Grand County, Utah - API #43-019-30008

According to information received by this office, the above referenced well is now operated by your company. We have not received the proper notification concerning this change.

If you have assumed operations, please submit a "Sundry Notice", Form OGC-1b, for each well this change affects with the name, address and phone number of both the new and old operators and the date the change became effective. We have enclosed forms for your convenience.

Sincerely,

A handwritten signature in cursive script that reads "Tami Alexander".

Tami Alexander
Well Records Specialist

Enclosure

cc: Dianne R. Nielson
Ronald J. Firth
John R. Baza
Suspense File
File

0277/03

P.H.H.

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

5. LEASE DESIGNATION AND SERIAL NO.	U-31802
6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
7. UNIT AGREEMENT NAME	
8. FARM OR LEASE NAME	Lansdale
9. WELL NO.	Gov't #13
10. FIELD AND POOL, OR WILDCAT	Harley Dome
11. SEC. T, R, M, OR B/LK. AND SURVEY OR AREA	SE 1/4 NE 1/4 Sec. 4, T19S, R25E
12. COUNTY OR PARISH	Grand
13. STATE	Utah

SUNDRY NOTICES AND REPORTS ON WELLS

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

RECEIVED

OCT 21 1985

DIVISION OF OIL AND GAS MINING

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/>
2. NAME OF OPERATOR Daymon D. Gililland
3. ADDRESS OF OPERATOR P.O. Box 1844, Grand Junction, CO 81502
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface
14. PERMIT NO. 43-019-30008
15. ELEVATIONS (Show whether of, ft, or, etc.)

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 of Operator</u>	

(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.)

Effective January 4, 1985 the new Operator is:

Daymon D. Gililland
P.O. Box 1844
Grand Junction, CO 81502
Telephone - (303) 241-3292

Former Operator was:

A. Lansdale Trust/Receivership
Security Pacific National Bank
P.O. Box 7120
Newport Beach, CA 92658
(714) 759-4016
Attention: Ms. Joan Wendtland

If the well was P&H, there would be no operator change.

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

SIGNED Daymon D. Gililland TITLE Operator DATE 10-15-85

(This space for Federal or State office use)

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

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG ELECTRIC LOGS FILE WATER SANDS LOCATION INSPECTED SUB. REPORT/abh.

* Location Abandoned Feb 2, 1982 well never drilled on Re-entry

** THIS WELL IS A PRODUCING GAS WELL 12-9-87

DATE FILED 4-5-68

LAND: FEE & PATENTED STATE LEASE NO. PUBLIC LEASE NO. U-0146920 INDIAN

DRILLING APPROVED: 7-12-68 * Re-entry 10-10-80

SPUDED IN: 2-23-68

COMPLETED: 6-11-68 PUT TO PRODUCING:

INITIAL PRODUCTION: 18.1 MBOE (2 HRS.)

GRAVITY A.P.I.

GOR:

PRODUCING ZONES: 378' ... 9.12'

TOTAL DEPTH: 1220'

WELL ELEVATION: 985.66'

DATE ABANDONED: * LA Feb 2

FIELD: HARLEY DOME DEEPER P.

UNIT:

COUNTY: GRAND

WELL NO. GOVERNMENT- IANSDALE

LOCATION 1404' FT. FROM (N) (S) LINE

TWP.	RGE.	SEC.	OPERATOR

NORM- 12-8-87
I AM GETTING DOWN TO THE FUN FILES NOW, SO EXPECT LOTS OF STRANGE NOTES.

WE SHOULDNT 2A A. RE-ENTRY WHD WE? THIS WELL IS NOT ABANDOUNED AS FAR AS I CAN TELL.

CARD IS ON ABAOUNED SIDE.

active 

12-9-87

UTAH OIL AND GAS CONSERVATION COMMISSION

REMARKS: WELL LOG _____ ELECTRIC LOGS FILE WATER SANDS _____ LOCATION INSPECTED _____ SUB. REPORT/abd. _____
~~*~~ Location Abandoned Feb 2, 1982 Well never drilled on Re-entry
~~**~~ THIS WELL IS A PRODUCING GAS WELL 12-9-87

DATE FILED 4-5-68
 LAND: FEE & PATENTED _____ STATE LEASE NO. _____ PUBLIC LEASE NO. U-0146920 INDIAN _____
 DRILLING APPROVED: 4-12-68 ~~*~~ Re-entry 10-10-80
 SPUDDED IN: 4-23-68
 COMPLETED: 6-1-68 PUT TO PRODUCING: _____
 INITIAL PRODUCTION: 10.1 m.m.c.f. (2 hrs.)
 GRAVITY A.P.I. _____
 GOR: _____
 PRODUCING ZONES: 870' - 9-16'
 TOTAL DEPTH: 1220'
 WELL ELEVATION: 955' GR.
 DATE ABANDONED: ~~* LA~~ Feb. 2, 1982 on Re-entry ~~**~~
 FIELD: HARLEY DOME DEEPER POOL TEST 386 Theater Esco
 UNIT: _____
 COUNTY: GRAND
 WELL NO. GOVERNMENT-LANSDALE #13 API NO. 43-019-30008
 LOCATION 1404' FT. FROM (N) (30) LINE, 407' FT. FROM (E) (28) LINE. NE SE NE 1/4 - 1/4 SEC. 4

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				19 S	25 E	4	A. LANSDALE

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE
(Other instructions on re-verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.
U-31802

SUNDRY NOTICES AND REPORTS ON WELLS

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

DECEIVED
DEC 13 1989

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		7. UNIT AGREEMENT NAME
2. NAME OF OPERATOR A. Lansdale Estate, c/o Daymon D. Gililland		8. FARM OR LEASE NAME Gov't
3. ADDRESS OF OPERATOR P.O. Box 1844, Grand Junction, CO 81502		9. WELL NO. 13
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface 1404' FNL & 407' FEL (SE $\frac{1}{4}$ NE $\frac{1}{4}$)		10. FIELD AND POOL, OR WILDCAT Harley Dome
14. PERMIT NO. 43-019-30008		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 4, T19S, R25E
15. ELEVATIONS (Show whether DF, RT, GR, etc.) 4955 GR		12. COUNTY OR PARISH Grand
		13. STATE Utah

DIVISION OF
OIL, GAS & MINING

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

NOTICE OF INTENTION TO:

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

SUBSEQUENT REPORT OF:

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

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

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

Pursuant to verbal approval of James Monroe and Dale Manchester, BLM personnel, the well bore was plugged as follows:

1.3 yards of washed river sand placed in the bottom of hole. Non-flammable gas continued to flow. Well was killed with approximately 500 gallons of water. Hole filled to a dept of 150' from surface with sand. Top of well cemented with 12 sacks cement.

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

SIGNED

Daymon D. Gililland

TITLE Agent

DATE December 10, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP DATE*
(Other instruction re-
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

8

5. LEASE DESIGNATION AND SERIAL NO.
U-31802

SUNDRY NOTICES AND REPORTS ON

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RECEIVED
DEC 13 1989

IF INDIAN, ALLOTTEE OR TRIBE NAME

UNIT AGREEMENT NAME

1. OIL WELL GAS WELL OTHER

2. NAME OF OPERATOR

A. Lansdale Estate, c/o Daymon D. Gililland

DIVISION OF
GAS & MINING

8. FARM OR LEASE NAME

Gov't

3. ADDRESS OF OPERATOR

P.O. Box 1844, Grand Junction, CO 81502

9. WELL NO.

13

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

10. FIELD AND POOL, OR WILDCAT

Harley Dome

1404' FNL & 407' FEL (SE 1/4 NE 1/4)

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

Sec. 4, T19S, R25E

14. PERMIT NO.

43-019-30008

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

4955 GR

12. COUNTY OR PARISH

Grand

13. STATE

Utah

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

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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*

XX

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Final Abandonment Notice.

Standard dry hole marker erected. Deadmen removed. Well sign, Equipment tools, etc. removed from location. All foreign material picked up and removed from location.

Mr. Jess Robbins inspected the location on December 9, 1989. He verbally approved Final Abandonment; noting that the location was clean and in a stable state.

OIL AND GAS	
DRN	RJF
JFB	GLH
DTS	SLS
1-TAS	
2-	MICROFILM ✓
3-	FILE

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

SIGNED

Daymon D. Gililland

TITLE Agent

DATE Dec. 10, 1989

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See Instructions on Reverse Side