

UNITED STATES DEPARTMENT OF THE INTERIOR GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

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

b. TYPE OF WELL OIL WELL [X] GAS WELL [] OTHER []

2. NAME OF OPERATOR Howell Oil Co.

3. ADDRESS OF OPERATOR P.O. Box 754, Blanding, Utah 84511

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.*) At surface 333' from the west line At proposed prod. zone 304' from the north line

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* one half mile from Mexican Hat

15. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any) 304'

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT. 450'

21. ELEVATIONS (Show whether DF, RT, GR, etc.) 4248' ungraded

23. PROPOSED CASING AND CEMENTING PROGRAM

Table with 5 columns: SIZE OF HOLE, SIZE OF CASING, WEIGHT PER FOOT, SETTING DEPTH, QUANTITY OF CEMENT. Rows include 95/8" hole with 7 5/8" casing and 6 3/4" hole with 4 1/2" casing.

- 3. surface formation Supai
6. estimated top of geological marker Goodridge 80', Mindenhall 300', little loop 400'
7. estimated depth of water, oil, or gas, Mindenhall 300'
10. Pressure equipment - none of these zones carry any appreciable amount of gas
11. circulating medium - air and foam
12. samples by geologist
13. abnormal pressures or temperatures - none
14. anticipated starting date, when approved

APPROVED BY THE STATE DIVISION OF OIL, GAS, AND MINING DATE: 3/29/85 BY: [Signature] WELL SPACING: 156-1 9/25/74

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

24. SIGNED [Signature] TITLE Vice-President DATE 3-28-85

(This space for Federal or State office use) PERMIT NO. 43-037-31400 APPROVAL DATE

APPROVED BY [Signature] TITLE ACTING DISTRICT MAN DATE 6/14/85

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

*See Instructions On Reverse Side

OPERATOR

REC'D MDO JUN 12 1985

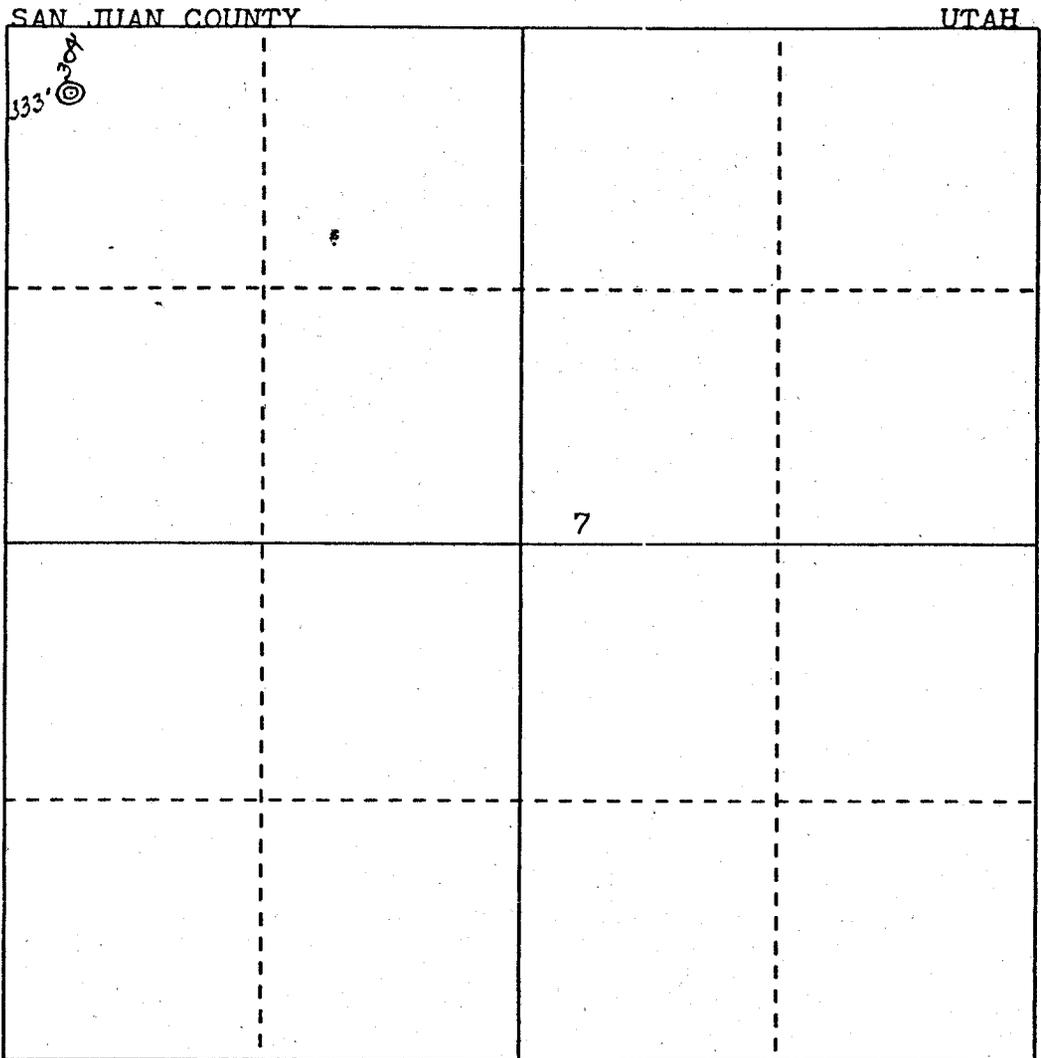
COMPANY WESGRA OIL COMPANY

LEASE GEBAUER WELL NO. RISENHOOVER #24

SEC. 7 T. 42 S. R. 19 E., S.L.M.

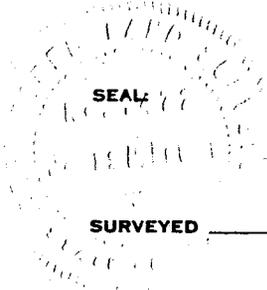
LOCATION 304 FEET FROM THE NORTH LINE and
333 FEET FROM THE WEST LINE.

ELEVATION 4248



SCALE - 1 INCH EQUALS 1000 FEET

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



James P. Leese
 Registered Land Surveyor
 JAMES P. LEESE

Utah Reg. #1472

SURVEYED 30 August 1984

W. E. "Bill" Skeen

Arlene -
Footage listed for these
various zones, are not
necessarily correct since
this is new territory.
Having no guidelines to
go by!

Thanks
Bill Skeen

OPERATOR Howell Oil Co. 033013 DATE 3-24-88

WELL NAME Schauer-Riesenhovel 24

SEC NWNW 7 T 42S R 19E COUNTY San Juan

43-037-31400
API NUMBER

Oil
TYPE OF LEASE

CHECK OFF:

PLAT

BOND

NEAREST WELL

LEASE

FIELD

POTASH OR OIL SHALE

PROCESSING COMMENTS:

Cause 156-1 - No other well in the NW/NW.
Water permit & -

APPROVAL LETTER:

SPACING: R615-2-3 _____ UNIT _____ R615-3-2

156-1 9-25-74 R615-3-3
CAUSE NO. & DATE

STIPULATIONS:



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

March 29, 1988

Howell Oil Company
P. O. Box 754
Blanding, Utah 84511

Gentlemen:

Re: Gebauer-Risenhoover #24 - NW NW Sec. 7, T. 42S, R. 19E
304' FNL, 333' FWL - San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order of Cause No. 156-1 dated September 25, 1974.

In addition, the following actions are necessary to fully comply with this approval:

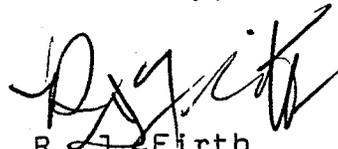
1. Spudding notification to the Division within 24 hours after drilling operations commence.
2. Submittal of an Entity Action Form to the Division within five working days of the time that the well is spudded or a change in operations or interests necessitates a change in entity status.
3. Submittal to the Division of completed Form OGC-8-X, Report of Water Encountered During Drilling.
4. Prompt notification to the Division should you determine that it is necessary to plug and abandon this well. Notify John R. Baza, Petroleum Engineer, (Office) (801) 538-5340, (Home) 298-7695; or Jim Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Rule R615-3-22, Gas Flaring or Venting, Oil and Gas Conservation General Rules.

Page 2
Howell Oil Company
Gebauer-Risenhoover #24
March 29, 1988

6. Prior to commencement of the proposed drilling operations, plans for toilet facilities and the disposal of sanitary waste at the drill site shall be submitted to the local health department having jurisdiction. Any such drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of all local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of General Sanitation, telephone (801) 538-6121.
7. This approval shall expire one (1) year after date of issuance unless substantial and continuous operation is underway or an application for an extension is made prior to the approval expiration date.

The API number assigned to this well is 43-037-31400.

Sincerely,



R. J. Firth
Associate Director, Oil & Gas

as
Enclosures
cc: Branch of Fluid Minerals
D. R. Nielson
3159T

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

U-7303

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Gebauer-Risenhoover

8. FARM OR LEASE NAME

Gebauer-Risenhoover

9. WELL NO.

24

10. FIELD AND POOL, OR WILDCAT

Mexican Hat

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

Sec 7, 42S, 19E

12. COUNTY OR PARISH

San Juan

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

Howell Oil Co.

3. ADDRESS OF OPERATOR

P.O. Box 754, Blanding, Utah 84511

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)*

At surface 333' from the west line
304' from the north line
At proposed prod. zone

43-037-31400

14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE*

one half mile from Mexican Hat

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

304'

16. NO. OF ACRES IN LEASE

400

17. NO. OF ACRES ASSIGNED TO THIS WELL

2 1/2

18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.

19. PROPOSED DEPTH

450'

20. ROTARY OR CABLE TOOLS

rotary

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

4248' ungraded

22. APPROX. DATE WORK WILL START*

soon as rig available

23. PROPOSED CASING AND CEMENTING PROGRAM

RECEIVED
APR 27 1988

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

W E Steen

TITLE

Vice-President

DATE

3-28-85
1688

(This space for Federal or State office use)

PERMIT NO.

/s/ Kenneth V. Rhea

APPROVAL DATE

[Signature]

APR 25 1988

APPROVED BY

TITLE

DATE

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

CONDITIONS OF APPROVAL ATTACHED

*See Instructions On Reverse Side

cc: SJKA 3/21/88

DOGm

REC'D MDO JUN 12 1985

COMPANY WESGRA OIL COMPANY

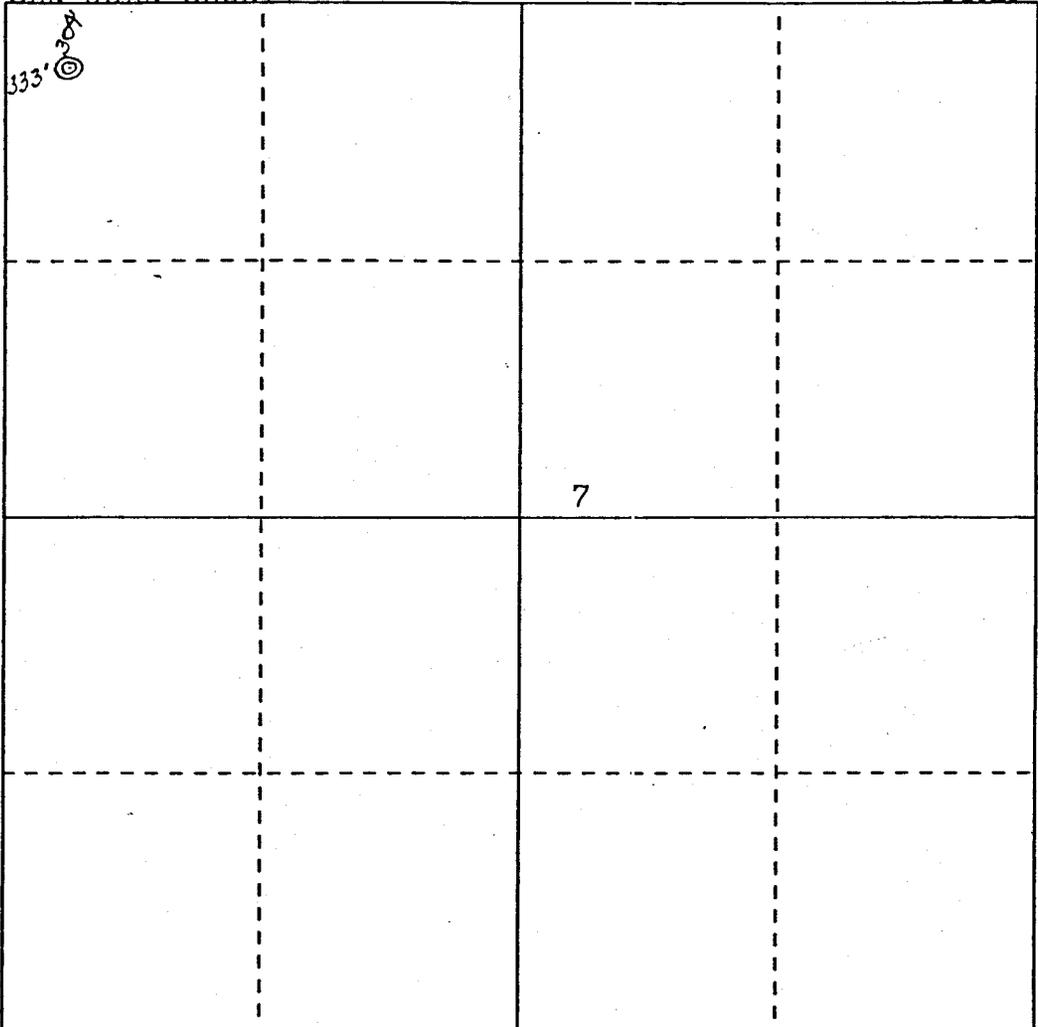
LEASE GEBAUER WELL NO. RISENHOOVER #24

SEC. 7 T. 42 S. R. 19 E, S.L.M.

LOCATION 304 FEET FROM THE NORTH LINE and
333 FEET FROM THE WEST LINE.

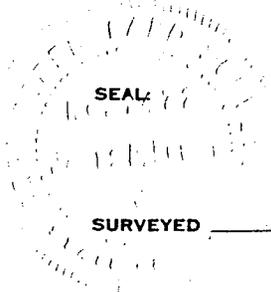
ELEVATION 4248

SAN JUAN COUNTY UTAH



SCALE - 1 INCH EQUALS 1000 FEET

THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS MADE BY ME UNDER MY SUPERVISION AND THAT THE SAME ARE TRUE AND CORRECT TO THE BEST OF MY KNOWLEDGE AND BELIEF.



James P. Leese
 Registered Land Surveyor
 JAMES P. LEESE
 Utah Reg. #1472

SURVEYED 30 August 1984

Howell Oil Company
Well No. Gebauer-Risenhoover 24
Sec. 7, T. 42 S., R. 19 E.
San Juan County, Utah
Lease U-7303

CONDITIONS OF APPROVAL

Approval of this application does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

NOTIFICATIONS

Notify the San Juan Resource Area, at (801) 587-2141 for the following:

2 days prior to commencement of dirt work, construction or reclamation;

1 day prior to spudding;

Notify the Moab District Office, Branch of Fluid Minerals at (801) 259-6111 for the following:

No well abandonment operations will be commenced without the prior approval of the District Manager. In the case of newly drilled dry holes, and in emergency situations, verbal approval can be obtained by calling the following individuals, in the order listed.

Dale Manchester, Petroleum Engineer Office Phone: (801) 259-6111

Home Phone: (801) 259-6239

Lynn Jackson, Chief, Branch of Fluid Minerals

Office Phone: (801) 259-6111

Home Phone: (801) 259-7990

Paul Brown, I&E Coordinator

Office Phone: (801) 259-6111

Home Phone: (801) 259-7018

24 hours advance notice is required for all abandonments.

DIVISION OF OIL, GAS AND MINING

SPUDDING INFORMATION

API NO. 43-037-31400

NAME OF COMPANY: HOWELL OIL COMPANY

WELL NAME: GEBAUER-RISENHOOVER #24

SECTION NWNW 7 TOWNSHIP 42S RANGE 19E COUNTY SAN JUAN

DRILLING CONTRACTOR QUALITY DRILLING

RIG # 1

SPUDDED: DATE 5/3/88

TIME 11:00 a.m.

How ROTARY

DRILLING WILL COMMENCE _____

REPORTED BY BILL SKEEN

TELEPHONE # 683-2298

DATE 5/3/88 SIGNED TAS



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

June 13, 1988

Howell Oil Company
P. O. Box 754
Blanding, Utah 84511

Gentlemen:

Re: Request for Completed Entity Action Form

This is written to remind you that all well operators are responsible for sending an Entity Action Form to the Division of Oil, Gas and Mining within five working days of spudding a new well. This office was notified that your company spudded the Gebauer-Risenhoover #24 API Number 43-037-31400 on May 3, 1988. At this time, we have not received an Entity Action Form for this well.

Please review the instructions on the back of the enclosed form. Make sure you choose the proper Action Code to show whether the well will be a single well with its own sales facilities (Code A), a well being added to an existing group of wells having the same tank battery and common division of royalty interest (Code B - show existing Entity Number to which well should be added), or a well being drilled in the participating area of a properly designated unit (Code B). Complete the form and return it to us by June 24.

Your attention to this matter is appreciated. If we can be of assistance to you, please feel free to call.

Sincerely,

A handwritten signature in cursive script that reads "Don Staley".

Don Staley
Administrative Supervisor

Enclosure
cc: D.R. Nielson
R.J. Firth
0682S

RECEIVED

UNITED STATES JUN 15 1988
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY DIVISION OF OIL, GAS & MINING

SUNDRY NOTICES AND REPORTS ON WELLS

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

1. oil well gas well other

2. NAME OF OPERATOR
Howell Oil Co.

3. ADDRESS OF OPERATOR
P.O. Box 367, Mexican hat, Utah 84531

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
335' from the west line
AT SURFACE: 304' from the north
AT TOP PROD. INTERVAL:
AT TOTAL DEPTH:

5. LEASE
U-7308-7303

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME
Gebauer-Risenhoover

9. WELL NO.
24

10. FIELD OR WILDCAT NAME
Mexican Hat

11. SEC., T., R., M. OR BLK. AND SURVEY OR AREA
Sec. 7, 42S, 19E

12. COUNTY OR PARISH San Juan	13. STATE Utah
14. API NO. 43-037-31400	15. ELEVATIONS (SHOW DF, KDB, AND WD) SLS

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

REQUEST FOR APPROVAL TO: TEST WATER SHUT-OFF <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> SHOOT OR ACIDIZE <input type="checkbox"/> REPAIR WELL <input type="checkbox"/> PULL OR ALTER CASING <input type="checkbox"/> MULTIPLE COMPLETE <input type="checkbox"/> CHANGE ZONES <input type="checkbox"/> ABANDON <input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF: DTS <input type="checkbox"/> JRB <input type="checkbox"/> DTS <input checked="" type="checkbox"/>
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(NOTE: Report results of multiple completion or zone change on Form 9-330.)

2 - MICROFILM
3 - FILE

(other) *(Subsequent rather than intent)*
DTS

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.)*

Ran pipe to near bottom pumped Baroid plugging mud to within 100 ft of surface, plugged top 100 ft with 25 sacks of cement.
No shows in ~~XXXX~~ this well, with the exception of a slight show of water at 95 ft, estimated at around 5 bbls per hour.
BLM required that we plug off water zone with 50 ft of cement, beginning 5ft below zone and 45 ft above, (that should hold it.)

Witnessed by, Wm (Chap) Hutchinson

API # 43 - 037 - 31400

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

18. I hereby certify that the foregoing is true and correct
SIGNED W.E. Speer TITLE V-President DATE 6-6-88

(This space for Federal or State office use)
APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES
DEPARTMENT OF THE INTERIOR

SUBMIT IN DUPLICATE*

(See other instructions on reverse side)

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

GEOLOGICAL SURVEY

5. LEASE DESIGNATION AND SERIAL NO.

U-7303

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Gebauer-Risenhoover

9. WELL NO.

24

10. FIELD AND POOL, OR WILDCAT

Mexican Hat

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

Sec 7, 42s, 19E

12. COUNTY OR PARISH

San Juan

13. STATE

Utah

1a. TYPE OF WELL:

WELL GAS WELL DRY Other

b. TYPE OF COMPLETION:

NEW WELL WORK OVER

DEEP EN PLUG BACK DIFF. RESVR. Other

JUL 5 1988

DIVISION OF OIL, GAS & MINING

2. NAME OF OPERATOR

Howell Oil Co.

3. ADDRESS OF OPERATOR

P.O. Box 369, Mexican Hat, Utah 84531

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)*

At surface 333' from the north line

At top prod. interval reported below 304' from the north line

At total depth

14. PERMIT NO.

43-037-31400

DATE ISSUED

3-29-88

15. DATE SPUNDED

5-3-88

16. DATE T.D. REACHED

5-25-88

17. DATE COMPL. (Ready to prod.)

5-25-88

18. ELEVATIONS (DF, REB, RT, GR, ETC.)*

4248'

19. ELEV. CASINGHEAD

4248

20. TOTAL DEPTH, MD & TVD

889' 889'

21. PLUG, BACK T.D., MD & TVD

no

22. IF MULTIPLE COMPL., HOW MANY*

no

23. INTERVALS DRILLED BY

rotary

ROTARY TOOLS

CABLE TOOLS

24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)*

none

25. WAS DIRECTIONAL SURVEY MADE

no

26. TYPE ELECTRIC AND OTHER LOGS RUN

no logs, samples only

27. WAS WELL CORED

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

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT PULLED
8 5/8"	26 pd	30'	11"	7 sacks	

29. LINER RECORD

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

30. TUBING RECORD

SIZE	DEPTH SET (MD)	PACKER SET (MD)

31. PERFORATION RECORD (Interval, size and number)

none

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

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

33.* PRODUCTION

DATE FIRST PRODUCTION	PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)	WELL STATUS (Producing or shut-in)					
	dry hole, no showa						
DATE OF TEST	HOURS TESTED	CHOKER SIZE	PROD'N. FOR TEST PERIOD	OIL—BBL.	GAS—MCF.	WATER—BBL.	GAS-OIL RATIO
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BBL.	GAS—MCF.	WATER—BBL.	OIL GRAVITY-API (CORR.)	

34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

TEST WITNESSED BY

35. LIST OF ATTACHMENTS

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

SIGNED M. E. Skeen

TITLE V-President

DATE 6-27-88

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