

UTAH OIL AND GAS CONSERVATION COMMISSION

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

DATE FILED **2-19-91**

LAND: FEE & PATENTED  STATE LEASE NO. PUBLIC LEASE NO. INDIAN

DRILLING APPROVED: **3-12-91 (CAUSE NO. 156-3)**

SPUDDED IN:

COMPLETED: **12-9-92 LA** PUT TO PRODUCING:

INITIAL PRODUCTION:

GRAVITY A.P.I.

GOR:

PRODUCING ZONES:

TOTAL DEPTH:

WELL ELEVATION:

DATE ABANDONED: **HAD APD expired 12-9-92**

FIELD: **MEXICAN HAT**

UNIT:

COUNTY: **SAN JUAN**

WELL NO. **GOODRIDGE 91-11** API NO. **43-037-31607**

LOCATION **683' FNL** FT. FROM (N) (S) LINE. **151' FEL** FT. FROM (E) (W) LINE. **NE NE** 1/4 - 1/4 SEC. **7**

TWP.	RGE.	SEC.	OPERATOR	TWP.	RGE.	SEC.	OPERATOR
				<b>42S</b>	<b>19E</b>	<b>7</b>	<b>SAN JUAN MINERALS EXPL.</b>

STATE OF UTAH  
DIVISION OF OIL, GAS AND MINING

RECEIVED  
FEB 19 1991

**DIVISION OF OIL, GAS & MINING**

5. Lease Designation and Serial No. fee

6. Indian, Allottee or Tribe Name

7. Unit Agreement Name

8. Farm or Lease Name Goodridge

9. Well No. 91-11

10. Field and Pool, or Wildcat Mexican Hat

11. CO, Sec., T., R., N., or Blk. and Survey or Area undesignated 410

12. County or Parrish San Juan 13. State UT

14. Distance in miles and direction from nearest town or post office\* 5 miles

15. Distance from proposed\* location to nearest property or lease line, ft. (Also to nearest drlg. line, if any) 151'

16. No. of acres in lease 285

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. 250'

19. Proposed depth 450'

20. Rotary or cable tools rotary

21. Elevations (Show whether DP, RT, CR, etc.) 4192 gr

22. Approx. date work will start\* ASAP

23. PROPOSED CASING AND CEMENTING PROGRAM

Size of Hole	Size of Casing	Weight per Foot	Setting Depth	Quantity of Cement
9 7/8"	8 5/8"	24 pd	30'	7 sacks
7 1/4"	5 1/2"	17 pd	425'	25 sacks

Propose to drill and test.

Estimated depth of anticipated water or oil - 400'

Pressure equipment - none. Zone is shallow and carries very little or no gas.

Circulating medium - air and foam.

No abnormal pressures or temperatures - no hydrogen sulfide.

Jack Williams 619 922 2222

I hereby certify that this report is true and complete to the best of my knowledge

Signature: [Signature] Secretary Date: 2-15-91

APR NO. 43-087-31607

Approved by: \_\_\_\_\_ Title: \_\_\_\_\_

TECHNICAL REVIEW SURFACE BY [Signature] 3/1/91

Eng. JMM 3-12-91

APPROVED BY THE STATE OF UTAH DIVISION OF OIL, GAS, AND MINING

DATE: 3-12-91

BY: [Signature]

WELL SPACING: 156-3

\*See Instructions On Reverse Side

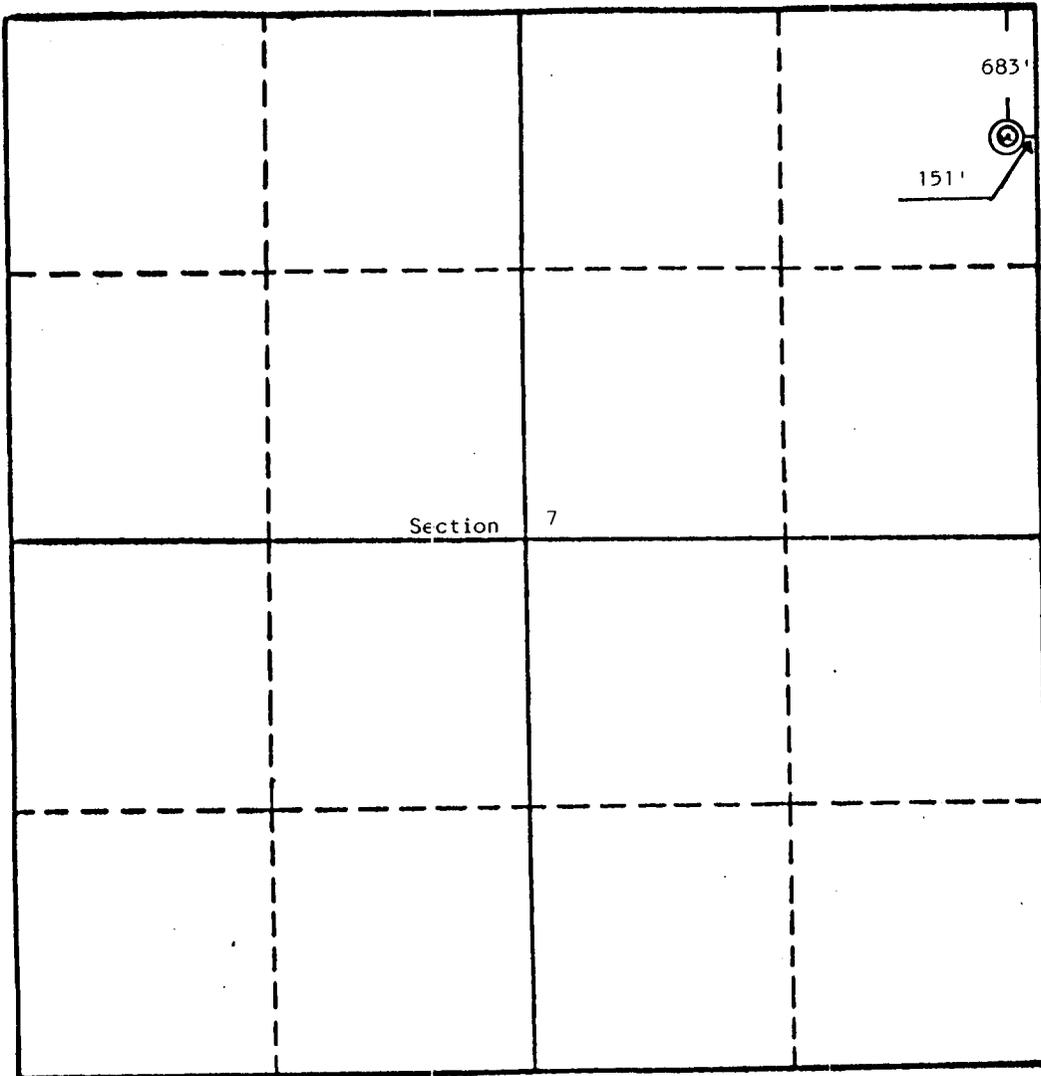
Company San Juan Minerals and Exploration Company

Well Name & No. 91-11

Location 683' E/N 151' E/EI

Sec. 7, T. 42 S., R. 19 E., S. L. M., County San Juan, Utah

Ground Elevation 4192

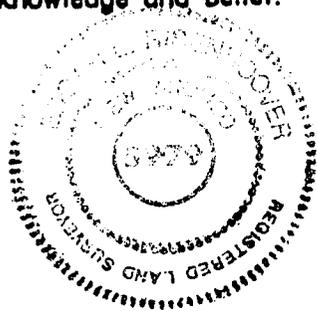


Scale, 1 inch = 1,000 feet

Surveyed February 7, 1991

This is to certify that the above plat was prepared from field notes of actual surveys made by me or under my supervision and that the same are true and correct to the best of my knowledge and belief.

Seal:



Edgar L. Risenhoover

Edgar L. Risenhoover  
Registered Land Surveyor  
New Mexico Reg. No. 5979

Non-resident certification as  
authorized by Utah State Law  
58-22-21(b)

**DRILLING LOCATION ASSESSMENT**

**State of Utah  
Division of Oil, Gas and Mining**

OPERATOR: SAN JUAN MINERALS      WELL NAME: GOODRIDGE 91-11  
SECTION: 7      TWP: 42S      RNG: 19E      LOC: 683      FNL 151      FEL  
QTR/QTR SE/NE COUNTY: SAN JUAN      FIELD: MEXICAN HAT  
SURFACE OWNER: GOODRICH ESTATE  
SPACING: UNRESTRICTED  
INSPECTOR: GLENN GOODWIN      DATE AND TIME: 2/25/91 9:45

**PARTICIPANTS:** George Petty-San Juan Minerals

**REGIONAL SETTING/TOPOGRAPHY:** Mexican Hat townsite. Small hills to the north and east with a small wash to the north.

**LAND USE:**

CURRENT SURFACE USE: Pasture.

PROPOSED SURFACE DISTURBANCE: A 100'X 100' pad will be constructed.

AFFECTED FLOODPLAINS AND/OR WETLANDS: None

FLORA/FAUNA:

**ENVIRONMENTAL PARAMETERS**

**SURFACE GEOLOGY**

SOIL TYPE AND CHARACTERISTICS: Clayey sand and gravels.

SURFACE FORMATION & CHARACTERISTICS: Quaternary alluvium on Halgaito Shale.

EROSION/SEDIMENTATION/STABILITY: No active sedimentation or erosion at present.

PALEONTOLOGICAL POTENTIAL: None observed.

**SUBSURFACE GEOLOGY**

OBJECTIVES/DEPTHS: Goodridge sand.

ABNORMAL PRESSURES-HIGH AND LOW: None anticipated.

CULTURAL RESOURCES/ARCHAEOLOGY: NA

CONSTRUCTION MATERIALS: Onsite materials.

SITE RECLAMATION: As per landowner instructions.

RESERVE PIT

CHARACTERISTICS: A 20'X 20'X 5' reserve pit will be constructed.

LINING: None needed

MUD PROGRAM: Well is to be drilled with air and foam.

DRILLING WATER SUPPLY: Mexican Hat culinary water system.

STIPULATIONS FOR APD APPROVAL

A berm is to be placed on the north side of the location to protect the wash from runoff.

ATTACHMENTS

Photographs will be placed on file.

BEFORE THE BOARD OF OIL, GAS AND MINING  
DEPARTMENT OF NATURAL RESOURCES  
IN AND FOR THE STATE OF UTAH

IN THE MATTER OF THE APPLICATION )  
OF SAN JUAN MINERALS EXPLORATION )  
COMPANY FOR AN EXCEPTION TO THE )  
WILD CAT WELL SPACING PATTERN )  
ESTABLISHED BY RULE C-3, OF THE )  
GENERAL RULES AND REGULATIONS, )  
AND AMENDING PRIOR ORDERS OF THE )  
BOARD IN CAUSE NO. 156-1 TO GRANT )  
UNRESTRICTED SPACING IN CERTAIN )  
PORTIONS OF THE MEXICAN HAT AREA, )  
SAN JUAN COUNTY, STATE OF UTAH )

ORDER

CAUSE NO. 156-3 ✓

Pursuant to Notice of Hearing dated February 22, 1980, as amended, of the Board of Oil, Gas and Mining, Department of Natural Resources of the State of Utah, this Cause came on for hearing before Cleon B. Feight, acting as hearing examiner for the full Board, commencing at the hour of 9:00 a.m. on April 15, 1980, in the offices of the Division of Oil, Gas and Mining, 1588 West North Temple, Salt Lake City, Utah.

Appearing for the applicant was Anthony L. Rampton of the law firm of Fabian & Clendenin, Salt Lake City, Utah, and Robert Lauth, Certified Registered Geologist. Appearing on behalf of the Division of Oil, Gas and Mining were Denise Dragoo, Special Assistant, Utah Attorney General's Office, and Mike Minder, Petroleum Engineer.

NOW, THEREFORE, having considered the testimony presented to the hearing examiner and the exhibits received at said hearing, and being fully advised in the premises, and all persons appearing before the hearing examiner being in favor of the application, the Board now makes and enters the following:

FINDINGS OF FACT

1. Due and regular notice of the time, place and purpose of the hearing was given to all interested parties in the form and manner and within the time required by law and the rules and regulations of the Board.

2. The Board has jurisdiction over the matter covered by said Notice and over all parties interested therein and has jurisdiction to make and promulgate the Order hereinafter set forth.

3. The principal producing sand or zone in this area is the Goodridge Sand producing from shallow sand and low pressure.

4. That there has been no systematic development through the Mexican Hat Area.

5. By Order entered in Cause No. 156-1 dated September 25, 1974, the Board established five-acre spacing for drilling wells and not less than two hundred feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarter section or equivalent lot or lots of comparable size and location and not less than 330 feet from any producible oil well, unless otherwise specifically permitted by order of the Board after notice and hearing.

6. That the oil wells producing on tracts in Sections 31 and 32, Township 41 South, and Sections 4, 5, 6, 7 and 8, Township 42 South, Range 19 East, Salt Lake Meridian, San Juan County, State of Utah, are all producing from the Goodridge producing sand.

7. That the Goodridge formation is confined to certain pockets of permeability and <sup>porosity</sup> ~~porosity~~ requiring the drilling of holes in an irregular pattern in order to discover and drain all of the recoverable oil and associated hydrocarbons from said formation.

8. That in order to facilitate the location and commercial production of oil in this area, it is necessary to allow for an amendment to the Order in Cause No. 156-1 so as to permit the drilling of wells on unrestricted spacing in the aforestated sections.

#### O R D E R

IT IS THEREFORE ORDERED:

A. That an exception is hereby granted to the provisions of Rule C-3, General Rules and Regulations, Division of Oil, Gas

and Mining, so as to permit the drilling of wells on unrestricted spacing to best accommodate the prevention of waste and protection of correlative rights in the development of the field and to maximize ultimate future recovery of oil and associated hydrocarbons insofar as and only insofar as the Goodridge Formation in Sections 31 and 32, Township 41 South, and Sections 4, 5, 6, 7 and 8, Township 42 South, Range 19 East, Salt Lake Meridian, San Juan County, State of Utah, and the Order of this Board in Cause No. 156-1 is hereby amended accordingly.

B. It is further Ordered that no well in said Sections shall be drilled less than 50 feet from any property or lease line or from the boundary of any legal subdivision comprising a governmental quarter-quarters section or equivalent lot or lots of comparable size unless otherwise specifically permitted by order of the Board after notice and hearing.

C. That this Order is a temporary order and the Board, on its own motion or the motion of any interested party, may file an application requesting a hearing to present new evidence covering the matter set forth herein.

D. That the Board retains continuing jurisdiction of all matters covered by this Order and particularly retains continuing jurisdiction to make further orders as appropriate and authorized by statute and applicable regulations.

ENTERED AND EFFECTIVE this 15<sup>th</sup> day of April, 1980.

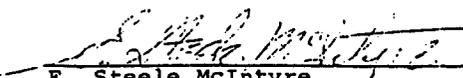
BOARD OF OIL, GAS AND MINING OF  
THE STATE OF UTAH

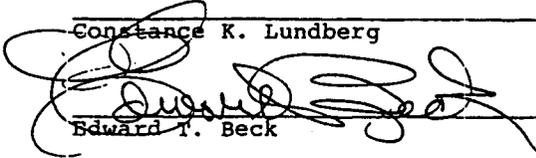
\_\_\_\_\_  
Charles R. Henderson

\_\_\_\_\_  
John L. Bell

\_\_\_\_\_  
Thadeus W. Box

\_\_\_\_\_  
C. Ray Juvelin

  
E. Steele McIntyre

Constance K. Lundberg  
  
Edward I. Beck

OPERATOR San Juan Minerals N-0810 DATE 01-01-91  
WELL NAME Goodridge 91-11  
SEC NEDE 7 T 405 R 19E COUNTY San Juan

43-037-31607  
API NUMBER

tree (4)  
TYPE OF LEASE

CHECK OFF:

PLAT.

BOND  
490E86TA  
50,000

NEAREST  
WELL

LEASE

FIELD  
3LBM

POTASH OR  
OIL SHALE

PROCESSING COMMENTS:

Cause shows unstructured spacing  
water permit  
Permit 0-00-91 / Geology related

APPROVAL LETTER:

SPACING:

R615-2-3

N/A  
UNIT

R615-3-2

150-3 4-15-80  
CAUSE NO. & DATE

R615-3-3

STIPULATIONS:

- tree stipulation  
water permit
- A berm is to be placed on the north side  
of the location to protect the wash from runoff



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

Norman H. Bangertter  
Governor

Dee C. Hansen  
Executive Director

Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

March 12, 1991

San Juan Minerals Exploration Company  
10970 Williams Ave.  
Blythe, California 92225-9414

Gentlemen:

Re: Goodridge 91-11 Well, 683 feet from the North line, 151 feet from the East line, NE NE, Section 7, Township 42 South, Range 19 East, San Juan County, Utah

Approval to drill the referenced well is hereby granted in accordance with the Order in Cause No. 156-3 dated April 15, 1980 subject to the following stipulations:

1. Prior to commencement of drilling, receipt by the Division of evidence providing assurance of an adequate and approved supply of water as required by Utah Code Ann. Section 73-3, Appropriation.
2. San Juan Minerals Exploration Company, as designated operator, is the bonded principal in reference to this Application for Permit to Drill. Should this designation change or a transfer of ownership occur, liability will remain with the designated operator until the Division is notified by letter of a new bonded principal.
3. A berm is to be placed on the north side of the location to protect the wash from runoff.

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

1. Spudding notification within 24 hours after drilling operations commence.
2. Submittal of Entity Action Form 6, within five working days following spudding and whenever a change in operations or interests necessitates an entity status change.

Page 2  
San Juan Minerals Exploration Company  
Goodridge 91-11  
March 12, 1991

3. Submittal of the Report of Water Encountered During Drilling, Form 7.
4. Prompt notification in the event it is necessary to plug and abandon the well. Notify R. J. Firth, Associate Director, (Office) (801) 538-5340, (Home) 571-6068, or J. L. Thompson, Lead Inspector, (Home) 298-9318.
5. Compliance with the requirements of Utah Admin. R.615-3-20, Gas Flaring or Venting.
6. Prior to commencement of the proposed drilling operations, plans for facilities for disposal of sanitary wastes at the drill site shall be submitted to the local health department. These drilling operations and any subsequent well operations must be conducted in accordance with applicable state and local health department regulations. A list of local health departments and copies of applicable regulations are available from the Division of Environmental Health, Bureau of Drinking Water/Sanitation, telephone (801) 538-6159.
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 43-037-31607.

Sincerely,



R. J. Firth  
Associate Director, Oil & Gas

tas  
Enclosures  
cc: Bureau of Land Management  
J. L. Thompson  
we14/1-22



# State of Utah

DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS AND MINING

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Dianne R. Nielson, Ph.D.  
Division Director

355 West North Temple  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180-1203  
801-538-5340

December 9, 1992

San Juan Minerals Exploration Company  
10970 Williams Ave.  
Blythe, California 92225-9414

Gentlemen:

Re: Goodridge 91-11 Well, Sec. 7, T. 42S, R. 19E, San Juan County, Utah  
API No. 43-037-31607

Due to excessive time delay in commencing drilling operations, approval to drill the subject well is hereby rescinded, effective immediately.

Please note that a new Application for Permit to Drill must be filed with this office for approval prior to the commencement of any future work on the subject location.

If any previously unreported operations have been performed on this well location, it is imperative that you notify the Division of Oil, Gas and Mining immediately.

Sincerely,

Don Staley  
Administrative Supervisor  
Oil and Gas

DME/lc  
cc: R.J. Firth  
Well file  
WOI219