

IN REPLY REFER TO:

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

P. O. Box 6721
Roswell, New Mexico

March 16, 1956

Inter Oil Company
327 Hickory
Arlene, Texas

Gentlemen:

Re: Lease New Mexico 02678-A

Receipt is acknowledged of your "Notice of Intention to Drill" dated March 9, 1956, covering your well No. 1 Rose-Federal (14-23) on the subject leasehold in the SW $\frac{1}{4}$ section 23, T. 12 S., R. 26 E., N.M.P.M., Chaves County, New Mexico.

Your proposed work is hereby approved subject to compliance with the provisions of the "Oil and Gas Operating Regulations" revised May 25, 1944, a copy of which will be furnished you upon request and subject to the following conditions:

(1) Drilling operations so authorized are subject to the attached sheet for general conditions of approval.

(2) Notify this office in sufficient time to arrange for a representative to witness the cementing operations and the casing and water shut-off tests.

JAMES A. KNAVE
District Engineer

Copy to: MDOC, Santa Fe
MDOC, Hobbs



PLEASE READ BEFORE STARTING OPERATIONS

Attention is called to the following general and special requirements for operators on Federal, Indian and Acquired land oil and gas leases. Suspension of operations may be required by the District Engineer for failure to comply with the Operating Regulations, the conditions of drilling approval, and these requirements.

GENERAL

1. All drilling and producing wells shall be permanently marked in a conspicuous place with the name of operator, lease name, serial number of lease, well number, and location. Necessary precautions must be taken to preserve such signs.

2. Any change of drilling plan or condition of approval must have approval of the District Engineer BEFORE the change is made.

3. Before work is started written approval must be obtained unless other arrangements are made in advance with the District Engineer. After work is completed results must be reported to the U. S. Geological Survey by submitting to the District Engineer complete information including the dates the work was done on Form 9-331a (9-331b-Indian), in triplicate, covering:

- a. Mudding, cementing, and method and results of testing water shut-off. (Show spud date of well on first report submitted).
- b. Drill-stem tests or perforating.
- c. Shooting, acid treatment, deepening or plugging back.
- d. Casing alterations, packer setting, or repairs of any kind.
- e. Gas-lift installations.

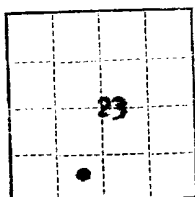
4. Monthly report of operations in duplicate on form 9-329 (9-329a-Indian) must be submitted promptly each month to U. S. Geological Survey, Box 6721, Roswell, New Mexico, beginning with spudding of the first well on a lease and continuing until abandonment of all drilling and producing operations is approved.

5. Log, in quadruplicate, on form 9-330, must be submitted to the District Engineer within 15 days of completion, abandonment, or suspension unless operator is otherwise instructed by the District Engineer. The log should include a complete driller's log, descriptions of all cores, results of all drill stem tests, formation tops identified, and all other well information not previously reported. Duplicate copies of all electrical logs, sample logs, drilling time logs, temperature, deviation, and other well surveys also must be filed.

6. All wells and lease premises shall be maintained in a workmanlike manner with due regard to safety, conservation, and appearance.

7. Approval of a notice of intention to drill or abandon any well will be rescinded without further notice if drilling or abandonment is not started within 90 days.

Revised February 1955



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Budget Bureau 42-R358.3.
Approval expires 12-31-55.

Land Office

New Mexico
San Carlos

Lease No.

02678-A

Unit

30-005-00177

(REVISED)

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	☒	SUBSEQUENT REPORT OF WATER SHUT-OFF.....
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

March 9, 1956

Well No. 14-23 is located 660 ft. from $\begin{Bmatrix} N \\ S \end{Bmatrix}$ line and 1080 ft. from $\begin{Bmatrix} E \\ W \end{Bmatrix}$ line of sec. 23

C 36 SE

(1/4 Sec. and Sec. No.)

T 12 S

(Twp.)

R 26 E

(Range)

(Meridian)

Wilicat

(Field)

Chaves

(County or Subdivision)

New Mexico

(State or Territory)

The elevation of the derrick floor above sea level is 3623 ft. G. L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Rose-Federal #14-23 1700' rotary test. Objective horizons, Queen Sand 450'-550'; San Andres 1300'-1400' & 1500'-1700'. All potential zones, if warranted be D.S.F.'d. Approximately 200' of 9-5/8" 32.30# 8-40 casing be set and circulated with cement and 1700' (as conditions warrant) of 5 1/2" 15.5# J-55 be set and circulated with sufficient cement to protect all potential zones (water & oil). Mud up under surface and maintain to total depth. Electric log hole at total depth. To diamond core any zone or zones deemed necessary.

The above procedure will be followed unless conditions developing in the 1300' zone require setting oil string and testing before penetration is made to the 1500' to 1700' zone. If these changes are made, your office will be notified.

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

Company Intex Oil Company et al

Address 717 Meadows Building

Dallas, Texas

By

W. F. Bartholmey

Title

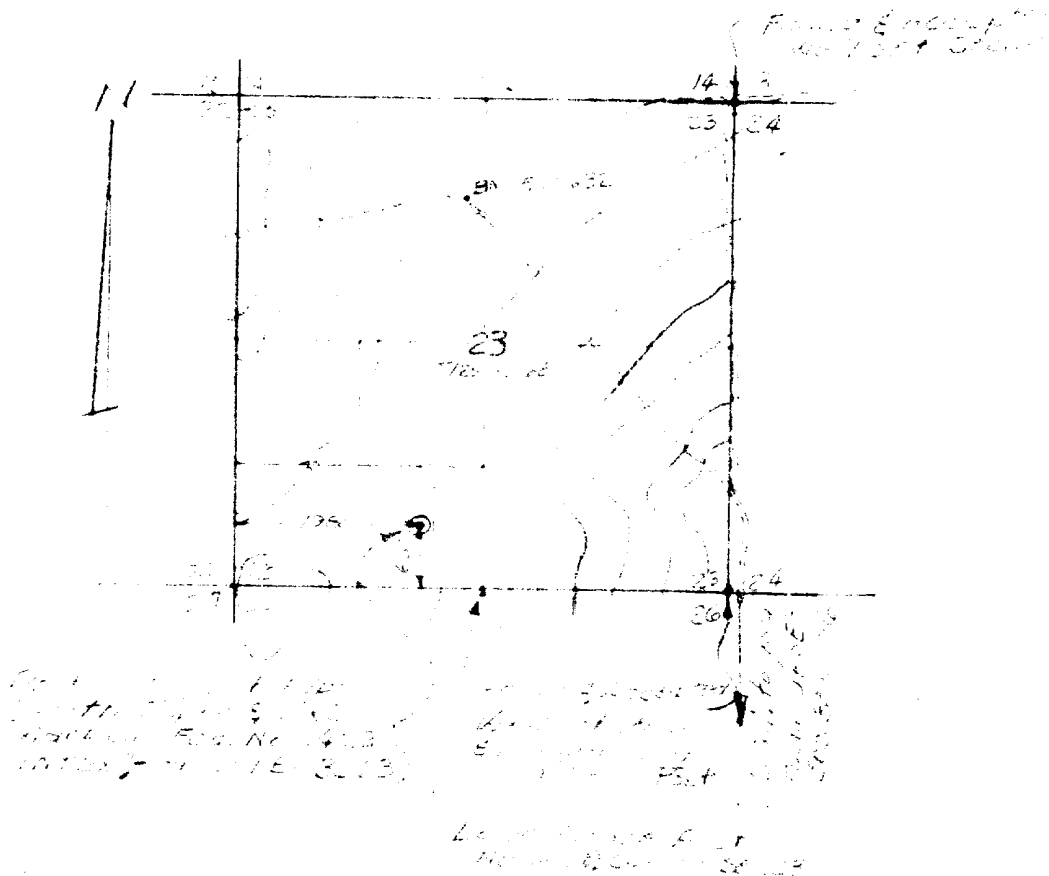
Engineer

PLAT OF SURVEY TO LOCATE OIL WELL TEST SITE BY THE CENTER OF THE
 SECTION 23, TOWNSHIP 12 SOUTH, RANGE 26 EAST, N.M.P.M.,
 1980 FEET FROM THE WEST LINE AND 660 FEET FROM THE SOUTH LINE OF
 SECTION 23, T12S, R26E, N.M.P.M.

U.S. GEOLOGICAL SURVEY
 ROSWELL, NEW MEXICO

Client: H. F. Bartelme
 C/o Intex Oil Co.
 327 Hickory St.
 Abilene, Texas
 Date: February 27, 1956

Scale of Map: 1" = 2000 feet



STATE OF NEW MEXICO
 COUNTY OF HUESA

I, Raynes T. West, hereby certify that the above plat was prepared from field notes of an actual bona fide field survey made under the direction of Thomas T. Mann, and that the same is true and correct to the best of my knowledge and belief.

Mann Engineering Co.
 Thomas T. Mann (owner)
 Registered Professional Engineer
 and Land Surveyor
 License No. 277

Raynes T. West

Raynes T. West
 Licensed Land Surveyor
 Certificate No. 1697

