

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

INTEGRATED ENERGY INC.

3. ADDRESS OF OPERATOR

1111 Fannin Street, Ste. 1700 - Houston, Texas 77002

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

At surface

1830' FNL & 890' FWL

At proposed prod. zone

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

9 miles Southwest of Counselors Trading Post

15. DISTANCE FROM PROPOSED*

LOCATION TO NEAREST
PROPERTY OR LEASE LINE, FT.
(Also to nearest drig. unit line, if any)

18. DISTANCE FROM PROPOSED LOCATION*

TO NEAREST WELL, DRILLING, COMPLETED,
OR APPLIED FOR, ON THIS LEASE, FT.

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

6872' GR

23. PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
12-1/4"	8-5/8"	24#	120'	100 sacks Circulated To Surface
6-3/4"	4-1/2"	10.5#	1950'	400 sacks Circulated To Surface

Move in rotary tools, Drill 12-1/4" hole to 120'. Set 120' of new 8-5/8", 24#, K55 casing. Cement with 100 sacks Class "B" Cement with 2% CaCl. Wait on cement 12 hours. Install 6" 900 Series blowout preventer. Test to 500 psi before drilling out from under surface pipe. Check pipe rams daily and blind rams on trips. Drill 6-3/4" hole to total depth. The geologic name of the surface formation is Tertiary Nacimiento. Gas is expected in the Chacra. All other formations are probably water bearing. Pertinent formation tops are estimated as Kirtland 470'; Fruitland 780'; Pictured Cliff 1340'; Chacra 1700'. Mud system will be low solids nondispersed. Mud weight 8.8-9.2#/Gal., FL 8-10cc, Viscosity 30-50 sec./quart. No abnormal temperatures or pressures are anticipated. Logging program will be IES, FDC/CNL/GR with Caliper Log. If productive, 4-1/2", 10.5#, K55 casing will be run and cemented with 400 sacks 50/50 pozmix + 10% salt mixed to 14.4 ppg. Drilling should require approximately 6 days.

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

Valley R. Switzer

TITLE REGULATORY COORDINATOR

DATE 11/23/82

(This space for Federal or State office use)

PERMIT NO.

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

DRILLING OPERATIONS AUTHORIZED ARE
SUBJECT TO COMPLIANCE WITH ATTACHED
"GENERAL REQUIREMENTS"

This action is subject to administrative
appeal pursuant to 30 CFR 290.

TITLE

JAN 04 1983

OIL CON. DIV.
NMOC DIST. 3

APPROVED
AS AMENDED

DATE

DEC 30 1982
James F. Sims
JAMES F. SIMS
DISTRICT ENGINEER

STATE OF NEW MEXICO
OIL AND MINERALS DEPARTMENT

OIL CONSERVATION DIVISION

P. O. BOX 2088

SANTA FE, NEW MEXICO 87501

Form C-107
Revised 10-1-78

All distances must be from the outer boundaries of the Section.

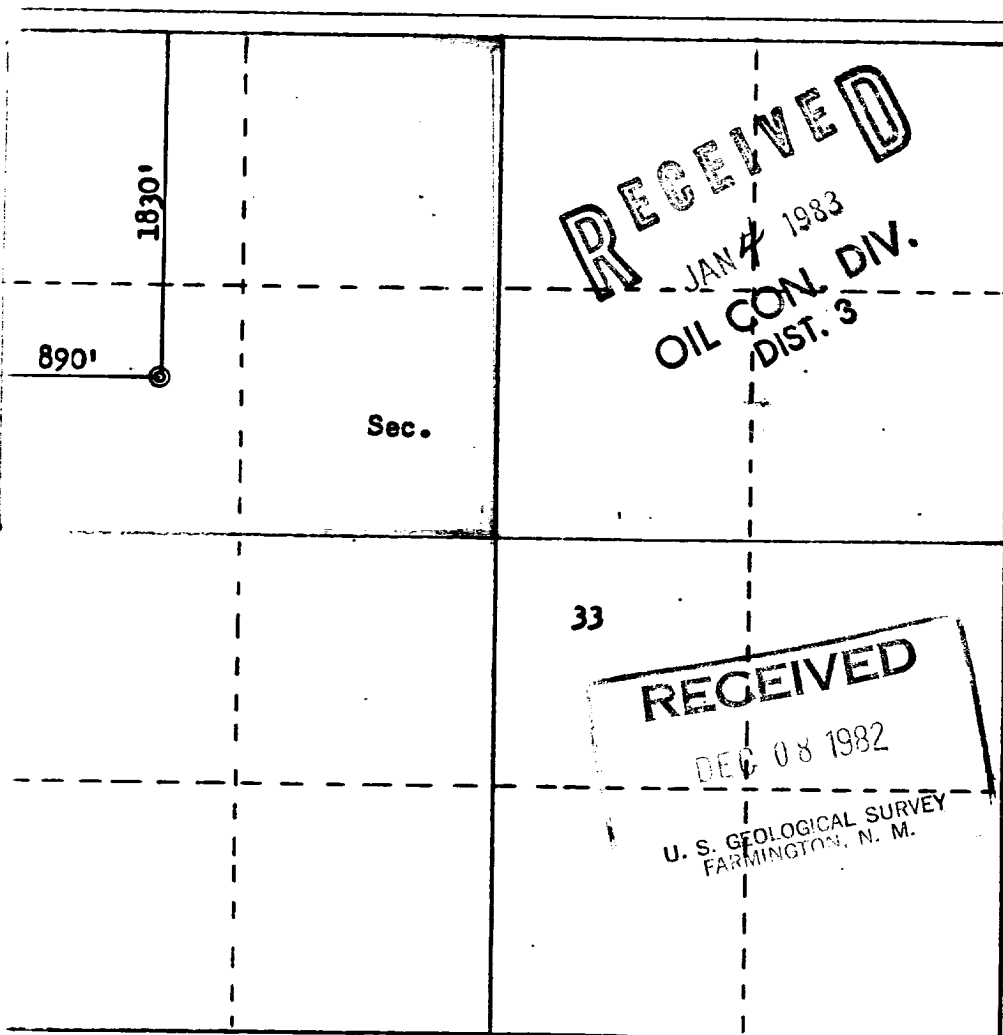
Operator INTEGRATED ENERGY, INCORPORATED			Lease NAVAJO 33			Well No. 1
Unit Letter E	Section 33	Township 22N	Range 6W	County Sandoval		
Actual Footage Location of Well: 1830 feet from the North line and 890 feet from the West line						
Ground Level Elev: 6872	Producing Formation Chacra		Pool Rusty Chacra Ext.	Dedicated Acreage: 160 Acres		

1. Outline the acreage dedicated to the subject well by colored pencil or hachure marks on the plat below.
2. If more than one lease is dedicated to the well, outline each and identify the ownership thereof (both as to working interest and royalty).
3. If more than one lease of different ownership is dedicated to the well, have the interests of all owners been consolidated by communitization, unitization, force-pooling, etc?

☐ Yes ☐ No If answer is "yes," type of consolidation _____

If answer is "no," list the owners and tract descriptions which have actually been consolidated. (Use reverse side of this form if necessary.) _____

No allowable will be assigned to the well until all interests have been consolidated (by communitization, unitization, forced-pooling, or otherwise) or until a non-standard unit, eliminating such interests, has been approved by the Commission.



Scale: 1"=1000'

CERTIFICATION

I hereby certify that the information contained herein is true and complete to the best of my knowledge and belief.

Shelley R. Swartzendruber
Name

SHELLEY R. SWARTZENDRUBER

Position
REGULATORY COORDINATOR

Company
INTEGRATED ENERGY INC.

Date
11/23/82

I hereby certify that the well location shown on this plat was plotted from field notes of actual surveys made by me or under my supervision, and that the same is true and correct to the best of my knowledge and belief.

Date Surveyed
November 12, 1982

Registered Professional Engineer
and Land Surveyor

Fred B. Kerr Jr.
Fred B. Kerr Jr.

Certificate No. 3950



OIL CON. DIV.
DIST. 3

JAN 04 1983

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