

34-12-23E

Company

Sec. 34

T. 12

R. 23

Loc ~~SE~~NE $\frac{1}{4}$ NW $\frac{1}{4}$

Farm John James

No. 2

Total Depth 668'

Comm. 3-5-25

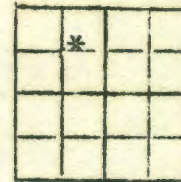
Comp. 3-14-25

County Johnson

Shot or Treated

Contractor Earl Smith

Issued



Casing

20 in.	10 in.
15 1-2	8 1-4
12 1-2	6 5-8
13 3-8	5 3-16

Elevation 1003

Production Gas

Figures Indicate Bottom of Formation

Surface	3'	Red rock	439
Sand stone	7	Blue shale	455
Gravel	11	White shale	481
Blue shale	17	Lime	483
Lime	27	Black slate	490
Blue shale	45	Blue shale	495
Lime	50	Lime	500
Blue shale	53	White sandy shale	509
Lime	73	Dark shale	519
Blue shale	78	Lime <i>FT Scott</i>	523
Lime	104	Sand	535
Blue shale	147	Lime	536
Lime	161	White shale	548
Blue shale	173	Red rock	555
Lime	175	Blue shale	563
Blue shale	177	Lime	564
Lime	184	Black slate	573
Black slate	189	White shale	578
Blue shale	194	Black slate	581
Lime	204	White shale	585
Blue shale	216	Sand	600 Packer set 612'
Lime	218	White shale	614
Blue shale	222	Dark shale	632
Lime (Fatie)	255	Sand gas	642
Black slate	261	Dark shale	651
Lime	283	Sand gas	666
Black slate & gas	285	Dark shale	668
Lime	288		
Black slate	292		
Lime <i>Hertha</i>	304		
White shale	325		
Sand gas	339		
Dark shale	347		
Sand gas	374		
Dark shale	413		
White shale	417		
Sand	423		
White shale	433		
Blue shale	437		

CONFIDENTIAL

GEOLOGICAL DEPARTMENT
 SOUTHWESTERN GAS COMPANY
 INDEPENDENCE, KANSAS

Company **L. L. Smith and Company**

S. T. R.
 County
 State
 Lease and
 Well No.

34-12-23
 Johnson
 Kansas
 John Jones #1
 James #2

Contractor **Smith and Company**

Drilling Commenced **3/5/25**

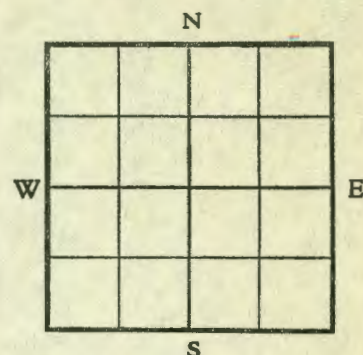
Drilling Completed **3/14/25**

Initial Production **Gas**

Initial Rock Pressure

Location **SE corner of NE $\frac{1}{4}$ of NW $\frac{1}{4}$**

Casing **Packer set at 612'**



Driller's Record of Formations

surface	3	3	shale blue	16	486
sandstone	4	7	shale white	26	481
gravel	4	11	lime	2	483
shale blue	6	17	slate black	7	490
lime	10	27	shale blue	5	495
shale blue	13	45	lime	5	500
lime	5	50	shale sandy white	9	509
shale blue	3	53	shale dark	10	519
lime	20	73	lime	4	523
shale blue	5	78	sand	10	533
lime	26	104	lime	3	536
shale blue	43	147	shale white	12	548
lime	14	161	red rock	7	555
shale blue	12	173	shale blue	8	563
lime	2	175	lime	2	565
shale blue	2	177	slate black	8	573
lime	7	184	shale white	5	578
slate black	5	189	slate black	3	581
shale blue	5	194	shale white	4	585
lime	10	204	sand	15	600
shale blue	12	216	shale white	14	614
lime	2	218	shale dark	18	632
shale blue	4	222	sand gas	10	642
lime Katie	33	255	shale dark	9	651
slate black	6	261	sand gas	15	666
lime	21	282	shale dark	2	688
slate black gas	3	285			
lime	3	288			
slate black	4	292			
lime	12	304			
shale white	21	325			
sand gas	14	339			
shale dark	8	347			
sand gas	27	374			
shale dark	26	413			
shale white	4	417			
sand	6	423			
shale white	10	433			
shale blue	4	437			
red rock	2	439			